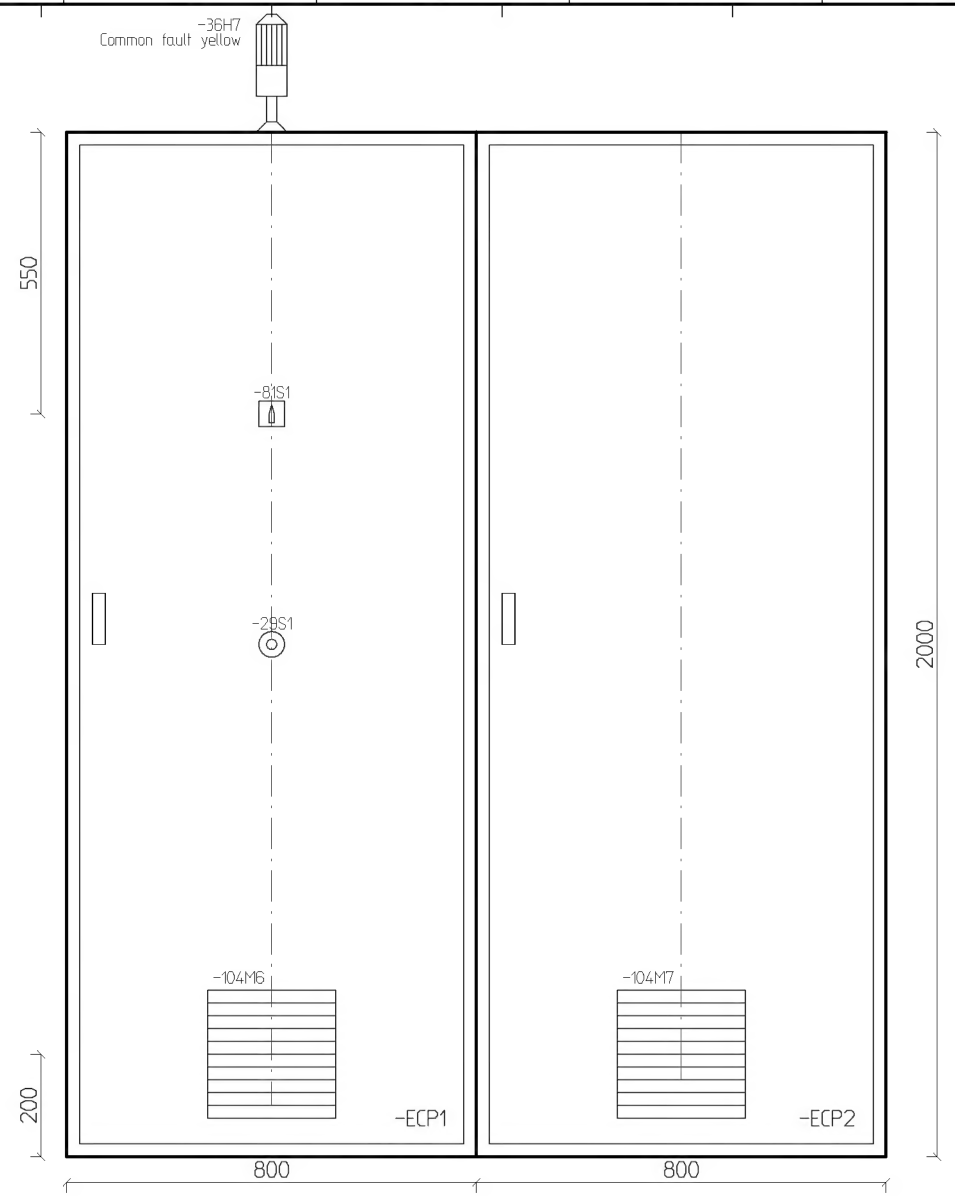


legend

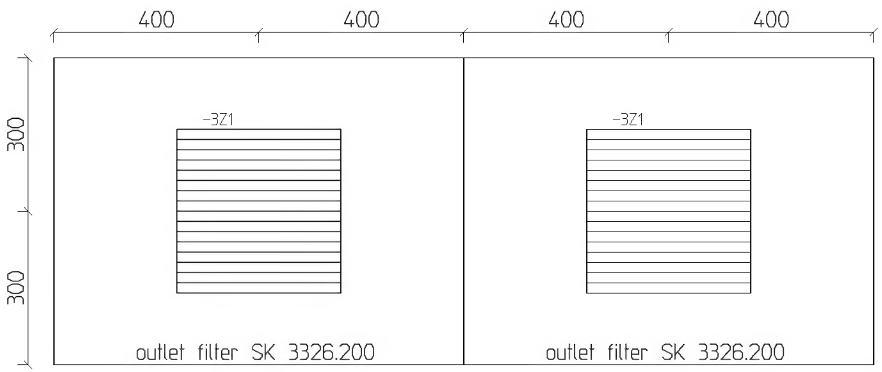
-36H7	Common fault ( )
-29S1	emergency stop (Ø22,5)
-104M6	panel fan (SK 3325)
-104M7	panel fan (SK 3325)
-81S1	Lub.oil transfer pump (Ø22,5)

panel	: TS8806.600
colour	: RAL 7032
cable enntry	: bottom
protec. degree	: IP 42
standard	: EN 60 439 Part 1: 2000
roof	: permanent mounting

Bildbeschreibung
IMAGE DESCRIPTION
Panel front view

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
Desig.	A. Stellmann				43730	437300
Check	A. Stellmann					page 1
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL

Index | changing | Date | name



Bildbeschreibung
IMAGE DESCRIPTION

Top view

Date	08.07.03
Desig.	A. Stellmann
Check	A. Stellmann
Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

KUHSE

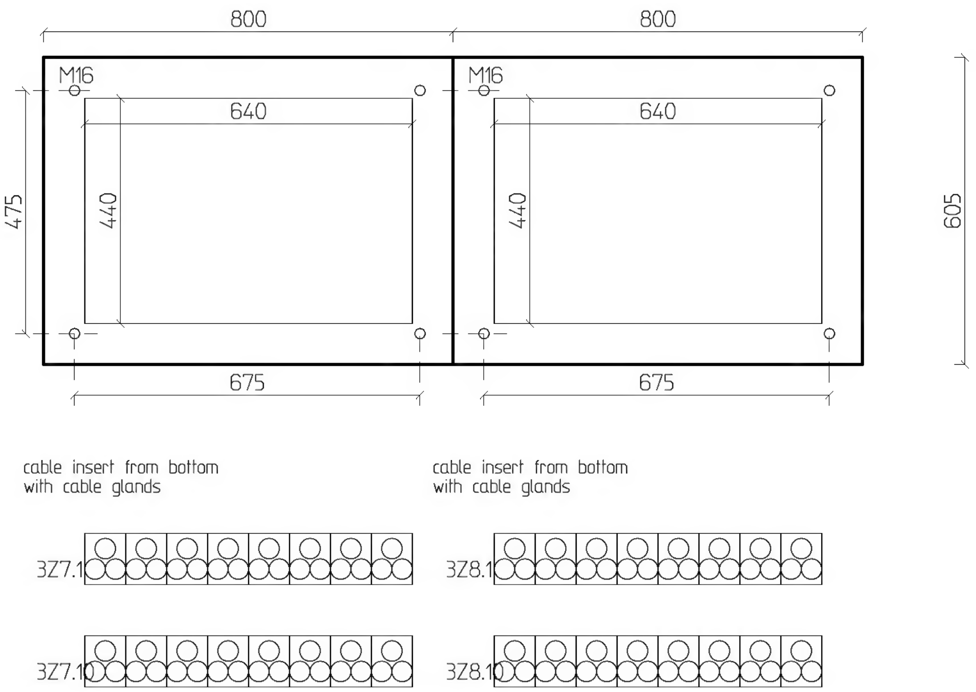
DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 437300

=DPP
+ECPS1

Index | changing | Date | name | Orig. | Ers.f. | Ers.d. 11.09.03



Cable gland Ø 8x13mm

Cable gland Ø 3x21mm

Cable gland Ø 1x47mm

-3Z7.1 cable inserting for 8 cable glands	-3Z8.1 cable inserting for 8 cable glands
-3Z7.2 Cable gland 3x21	-3Z8.2 Cable gland 3x21
-3Z7.3 Cable gland 3x21	-3Z8.3 Cable gland 3x21
-3Z7.4 Cable gland 3x21	-3Z8.4 Cable gland 3x21
-3Z7.5 Cable gland 3x21	-3Z8.5 Cable gland 3x21
-3Z7.6 Cable gland Ø 3x21	-3Z8.6 Cable gland Ø 3x21
-3Z7.7 Cable gland Ø 3x21	-3Z8.7 Cable gland Ø 3x21
-3Z7.8 Cable gland Ø 3x21	-3Z8.8 Cable gland Ø 3x21
-3Z7.9 Cable gland Ø 3x21	-3Z8.9 Cable gland Ø 3x21
-3Z7.10 cable inserting for 8 cable glands	-3Z8.10 cable inserting for 8 cable glands
-3Z7.11 Cable gland 3x21	-3Z8.11 Cable gland 3x21
-3Z7.12 Cable gland 3x21	-3Z8.12 Cable gland 3x21
-3Z7.13 Cable gland 3x21	-3Z8.13 Cable gland 3x21
-3Z7.14 Cable gland 3x21	-3Z8.14 Cable gland 3x21
-3Z7.15 Cable gland Ø 3x21	-3Z8.15 Cable gland Ø 3x21
-3Z7.16 Cable gland Ø 3x21	-3Z8.16 Cable gland Ø 3x21
-3Z7.17 Cable gland Ø 3x21	-3Z8.17 Cable gland Ø 3x21
-3Z7.18 Cable gland Ø 3x21	-3Z8.18 Cable gland Ø 3x21

Bildbeschreibung
IMAGE DESCRIPTION
Bottom view

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
Desig.	A. Stellmann				43730	437300
Check	A. Stellmann	Orig.	Ers.f.	Ers.d. 11.09.03		
Norm	33					

Index	changing	Date	name

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. Ers.f.	Ers.d. 11.09.03			page 4 / 109 BL

Bildbeschreibung
IMAGE DESCRIPTION spare

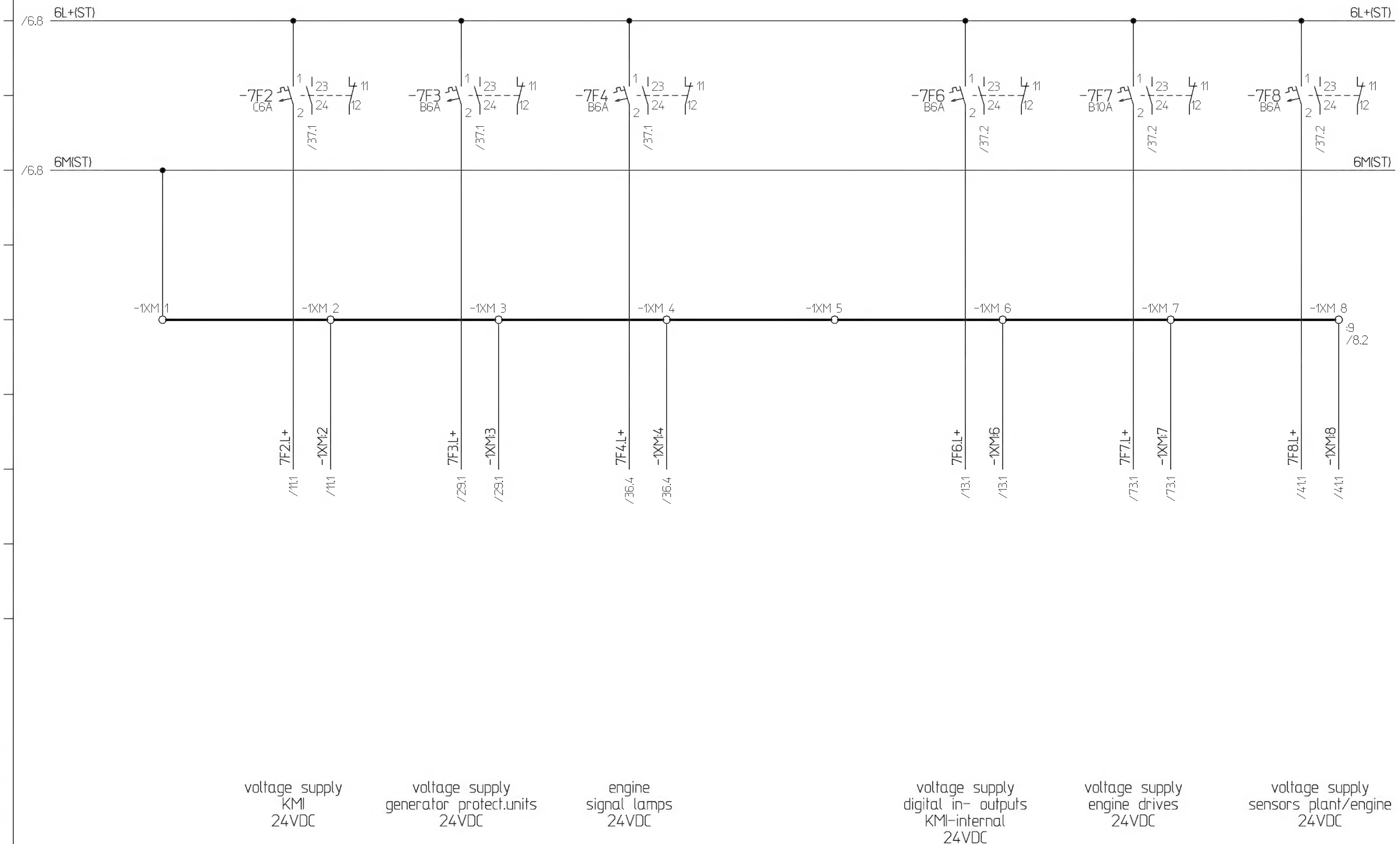
Index	changing	Date	name						
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501 =DPP +ECPS1
				Desig.	A. Stellmann				
				Check	A. Stellmann				43730 437300
				Norm	33	Orig. Ers.f.	Ers.d. 11.09.03		



Bildbeschreibung
IMAGE DESCRIPTION

24V DC supply (control voltage)

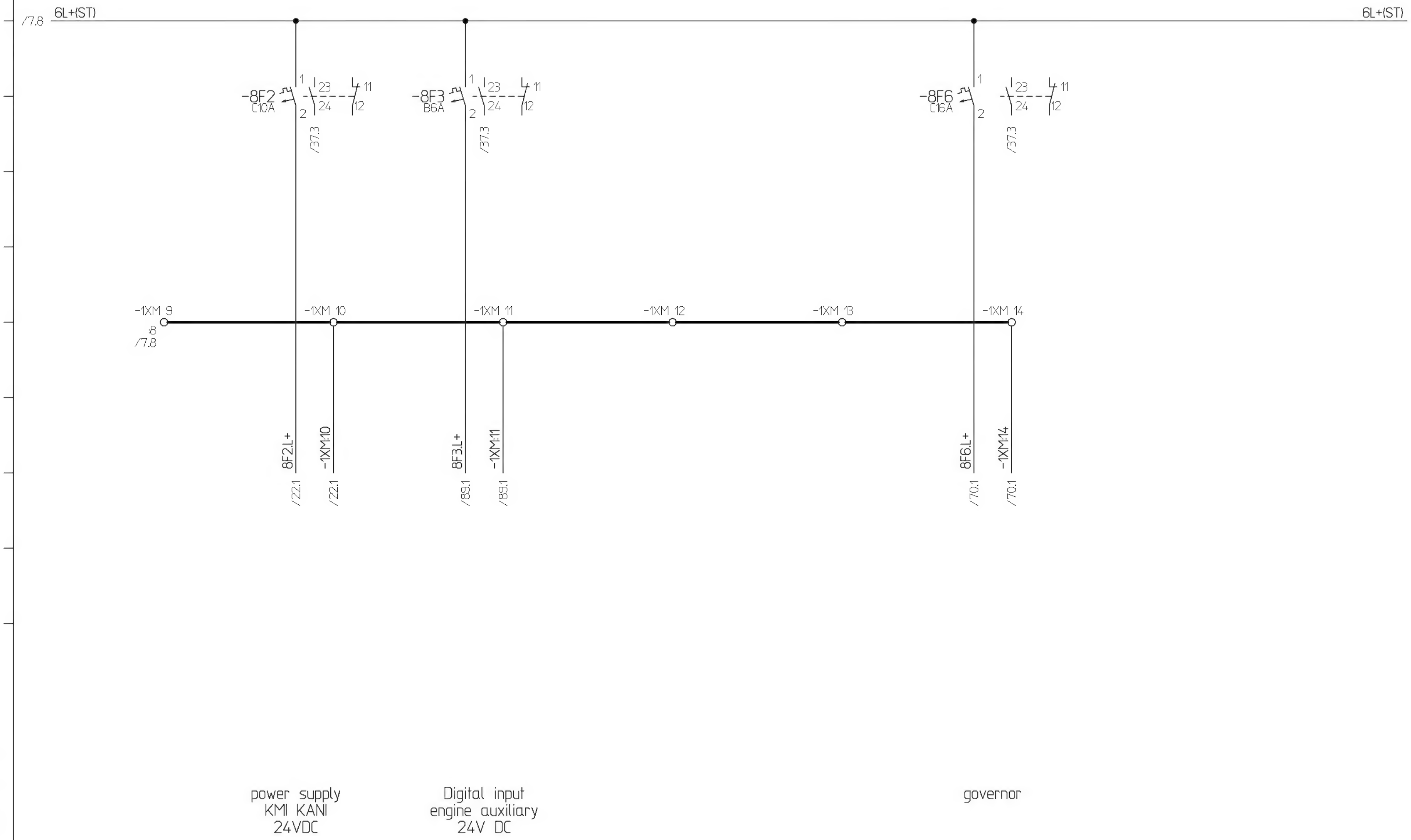
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03				
				Date	08.07.03	Elektrim-MEGADEX		KUHSE	DPP 5(7) Syn.	4500005501		=DPP
				Desig.	A. Stellmann	Monde Energy Philippines			MST 5"/10"PC			+ECPS1
				Check	A. Stellmann				Engine control panel Sulzer 1	43730	437300	page 6 / 109 BL



Bildbeschreibung
IMAGE DESCRIPTION

24VDC voltage feeders

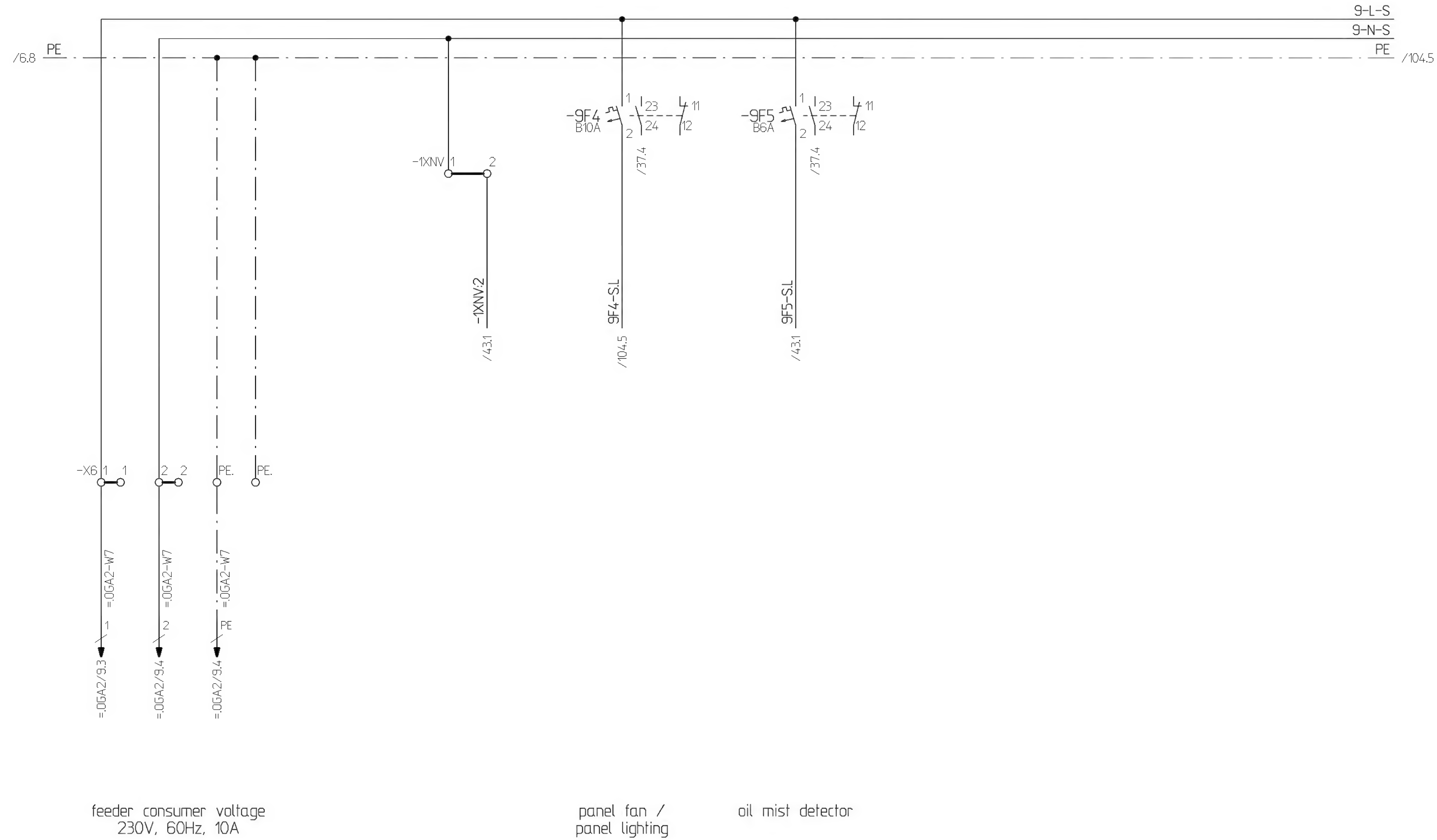
Index	changing	Date	name						
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501 / =DPP +ECPS1
				Desig.	A. Stellmann				
				Check	A. Stellmann				43730 / 437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		page 7 / 109 BL



Bildbeschreibung
IMAGE DESCRIPTION

24VDC voltage feeders

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann					
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 8 / 109 BL

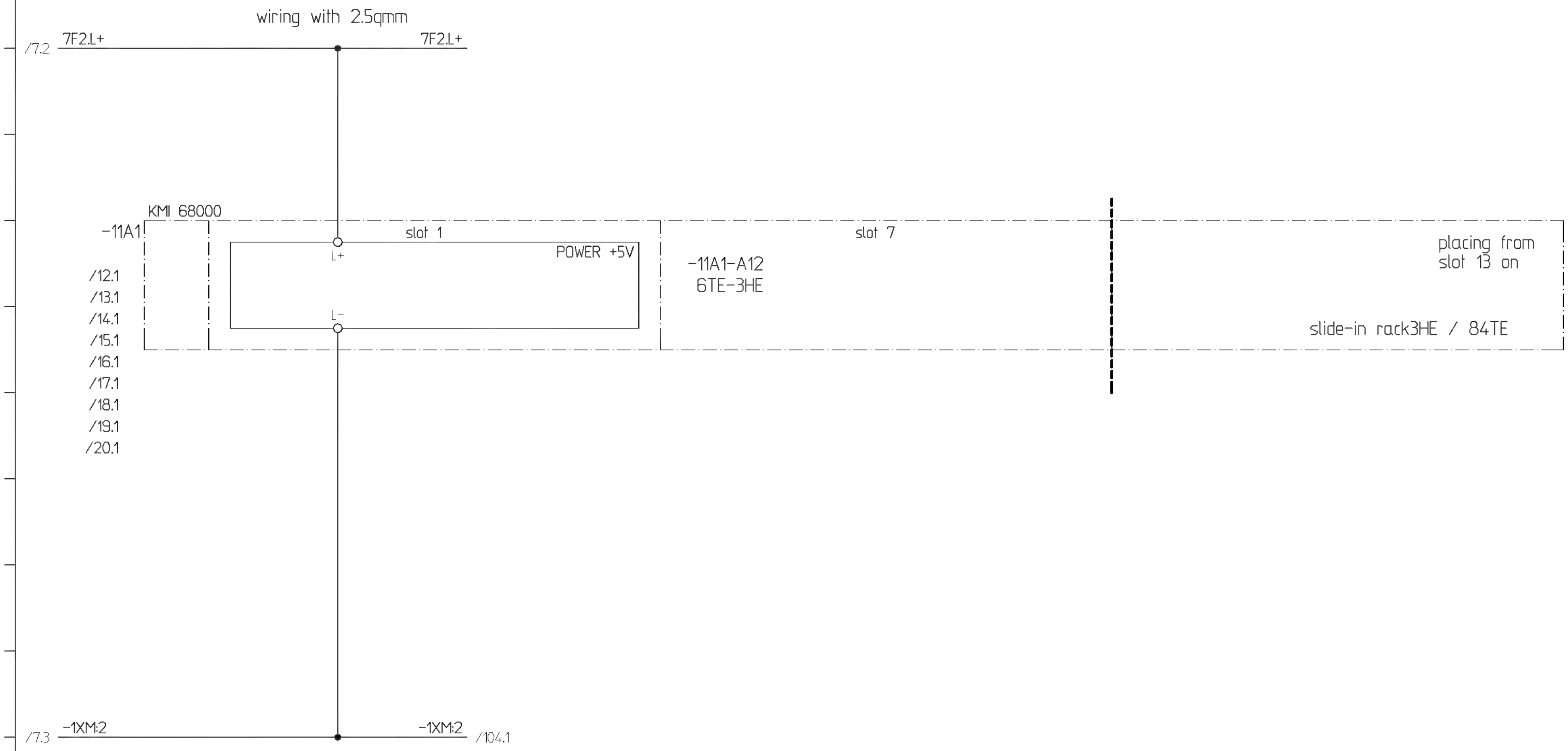


Bildbeschreibung IMAGE DESCRIPTION: Consumer voltage 230V, 60Hz

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501		=DPP +ECPS1
				Desig.	A. Stellmann						
				Check	A. Stellmann				43730	437300	page 9
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03				109 BL

Bildbeschreibung
IMAGE DESCRIPTION spare

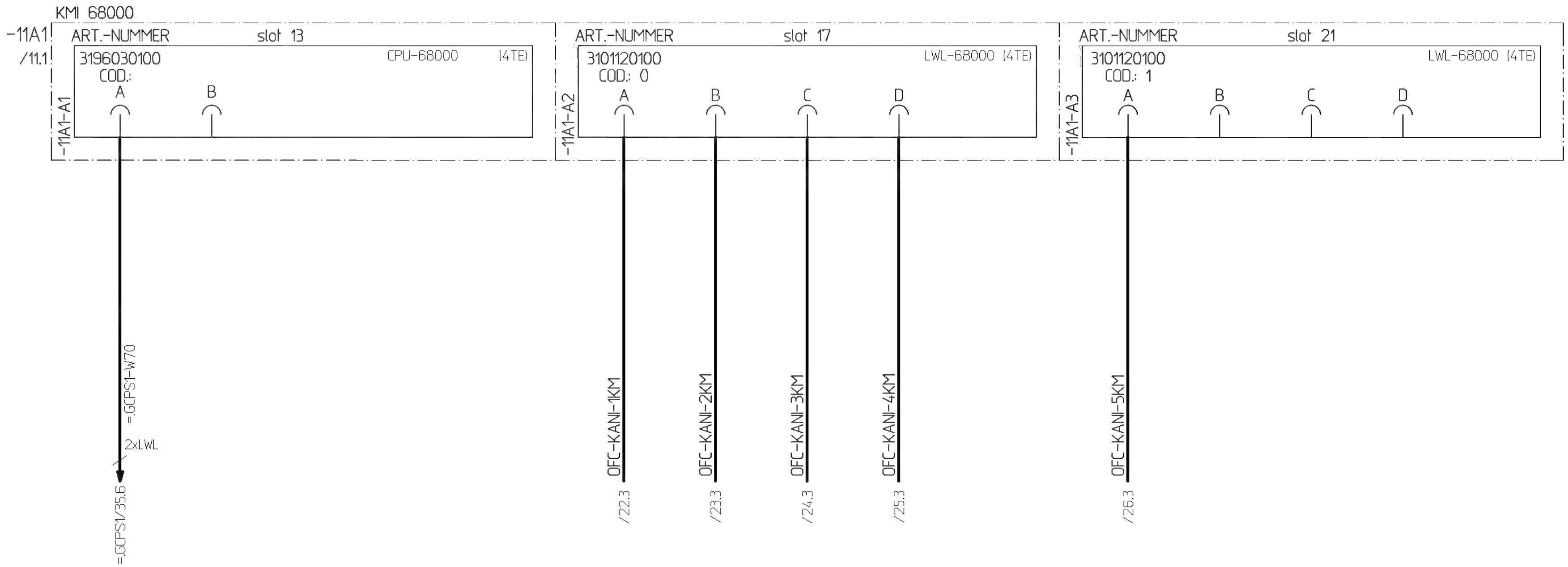
Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung
IMAGE DESCRIPTION

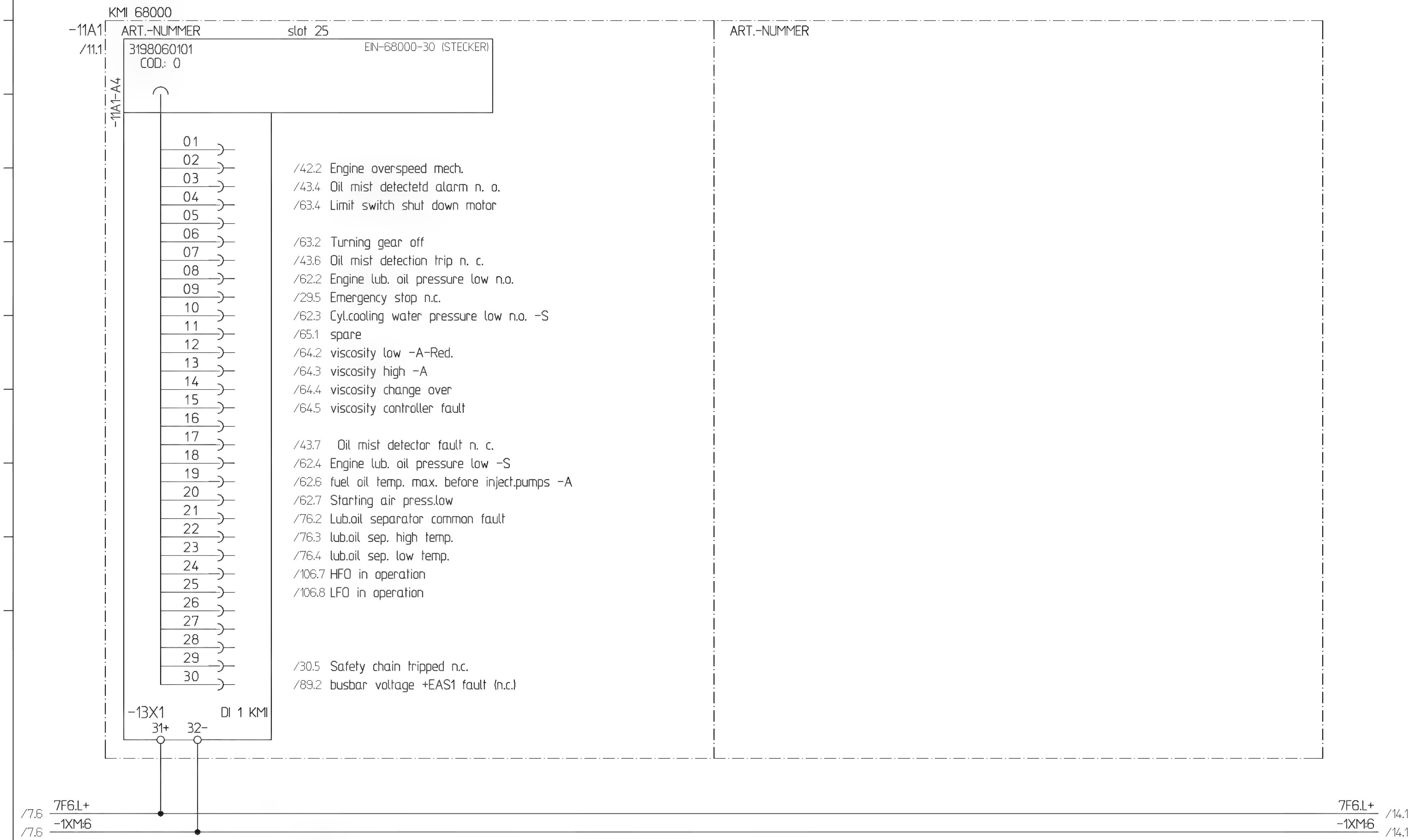
modulinterface KMI slot 01-07, power unit

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. Ers.f.	Ers.d. 11.09.03		page 11	109 BL



Bildbeschreibung / IMAGE DESCRIPTION: modul. KMI slot 13-21, CPU, OFC1, OFC2

			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	437300
Index	changing	Date / name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 12 / 109 BL



Bildbeschreibung IMAGE DESCRIPTION: modulinterface KMI slot 25-29 DI1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

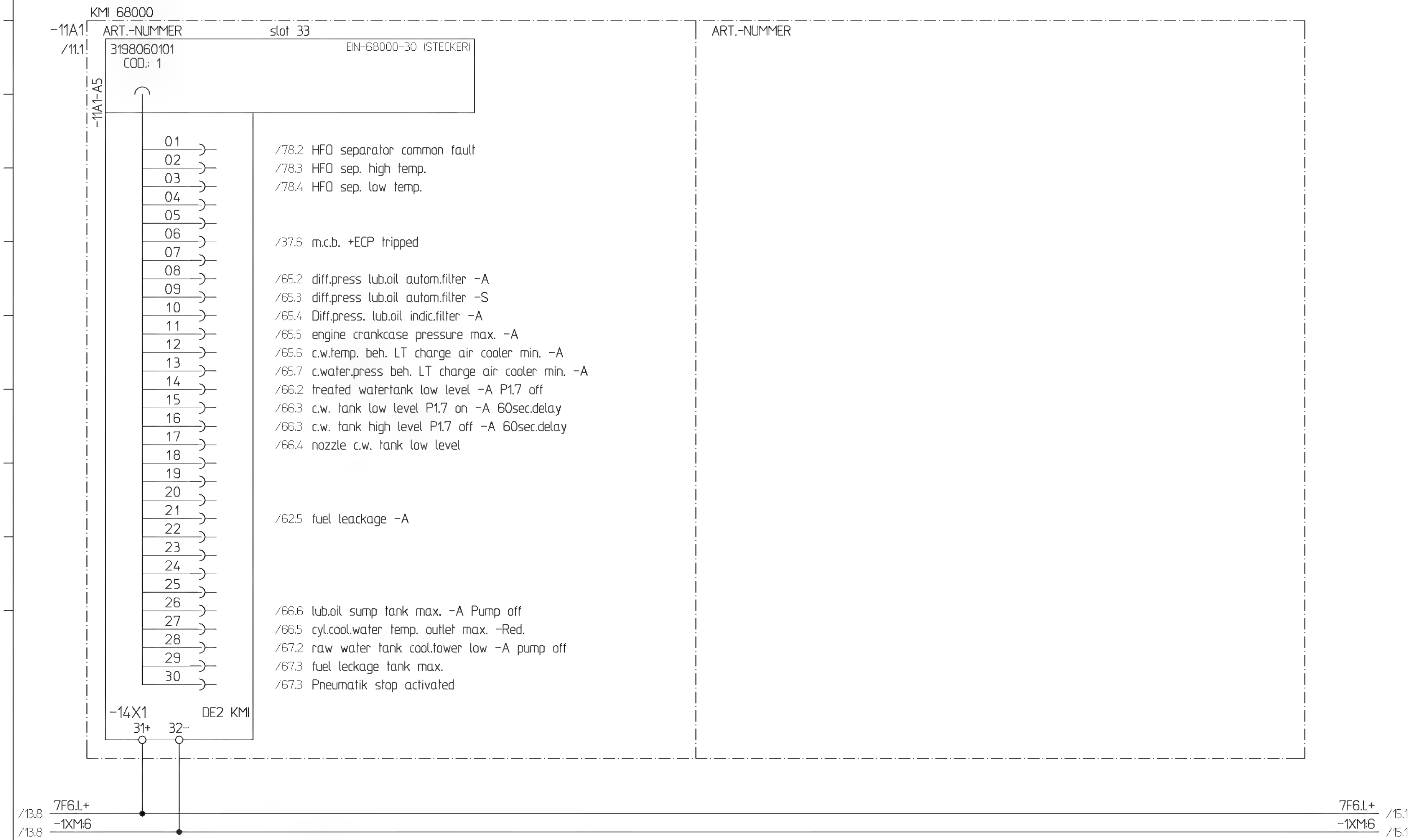
Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

modulinterface KMI slot 33-37 DI2

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

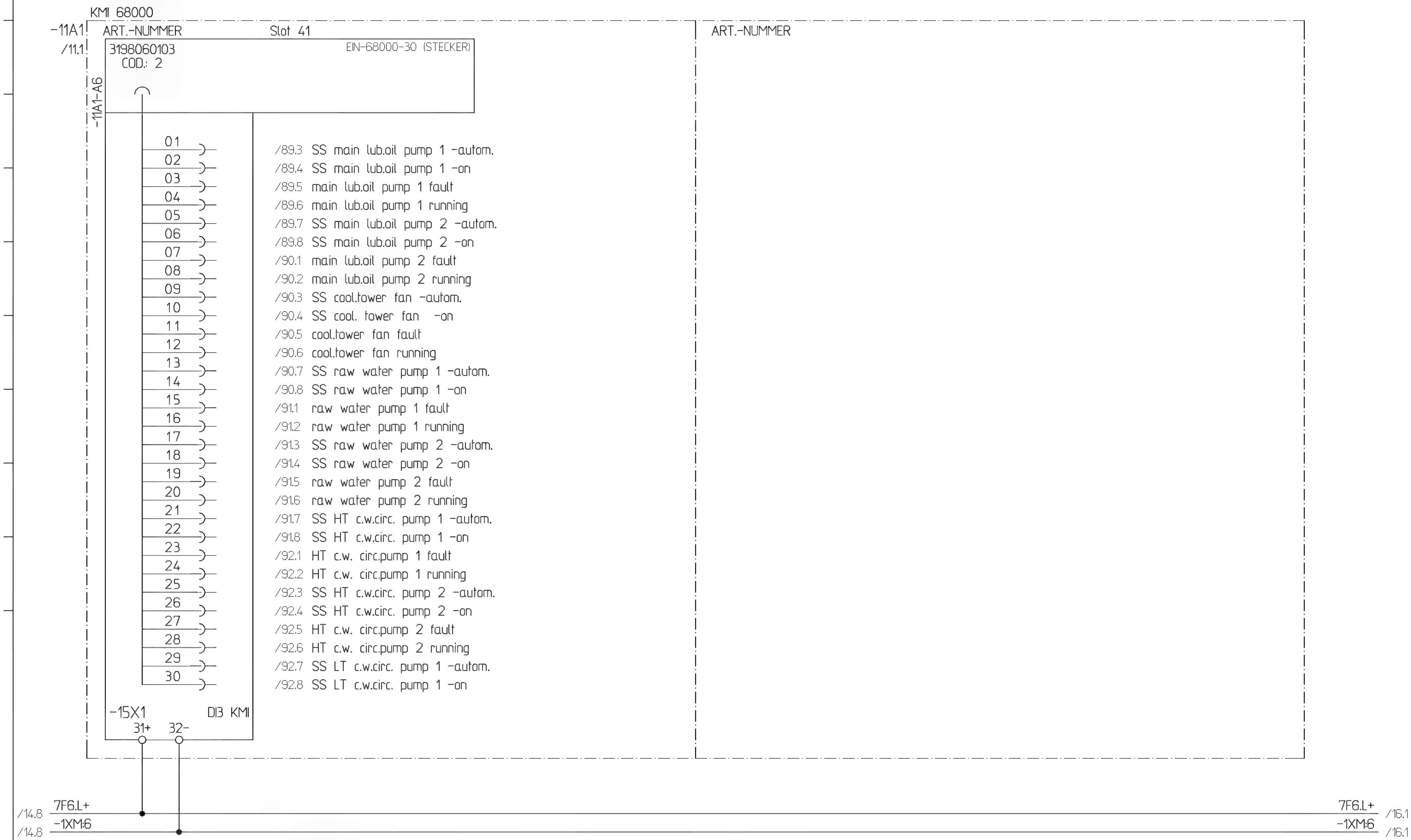
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

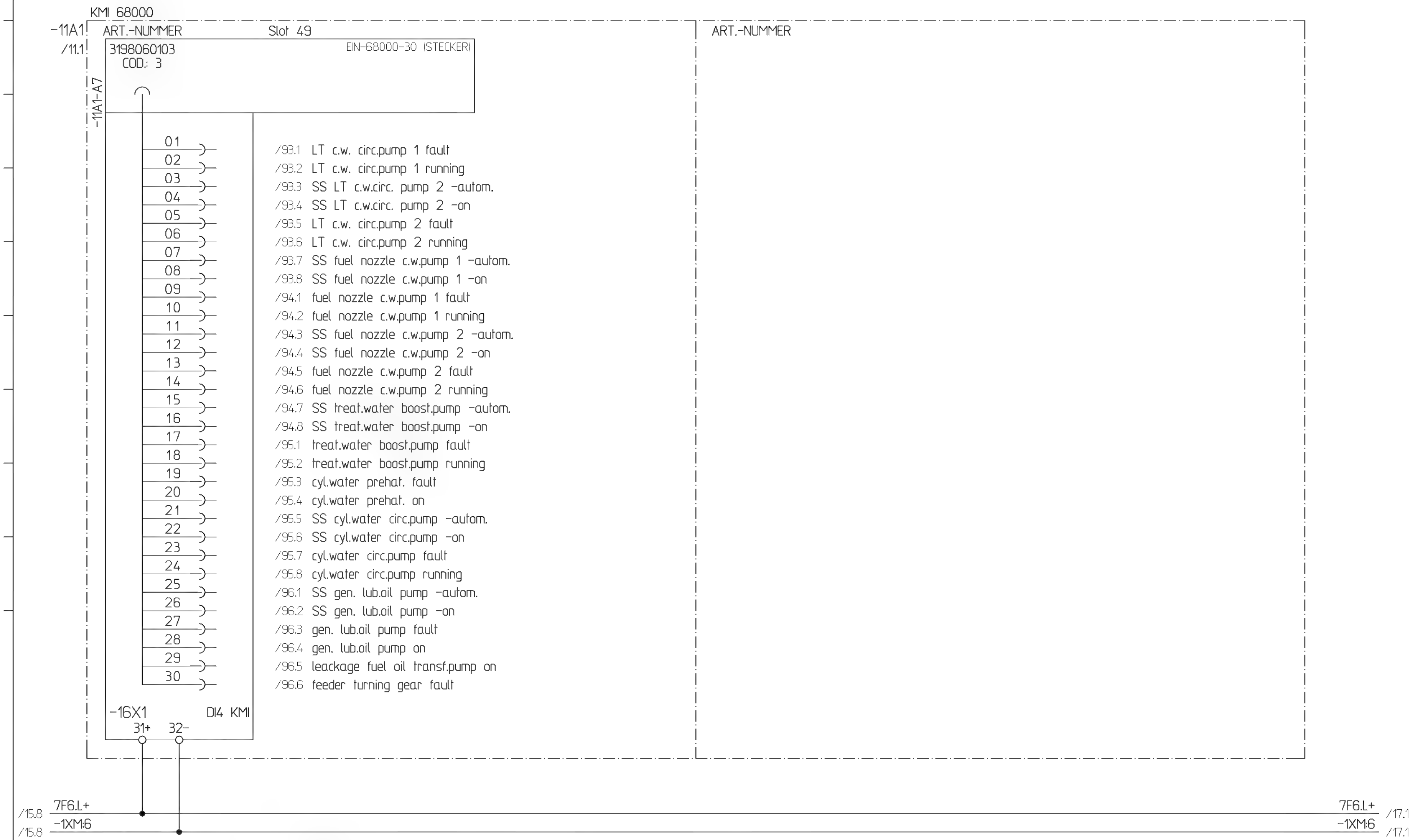
=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

modulinterface KMI slot 41-45 DI3

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			page 15 / 109 BL



Bildbeschreibung IMAGE DESCRIPTION: modulinterface KMI slot 49-53 DI4

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

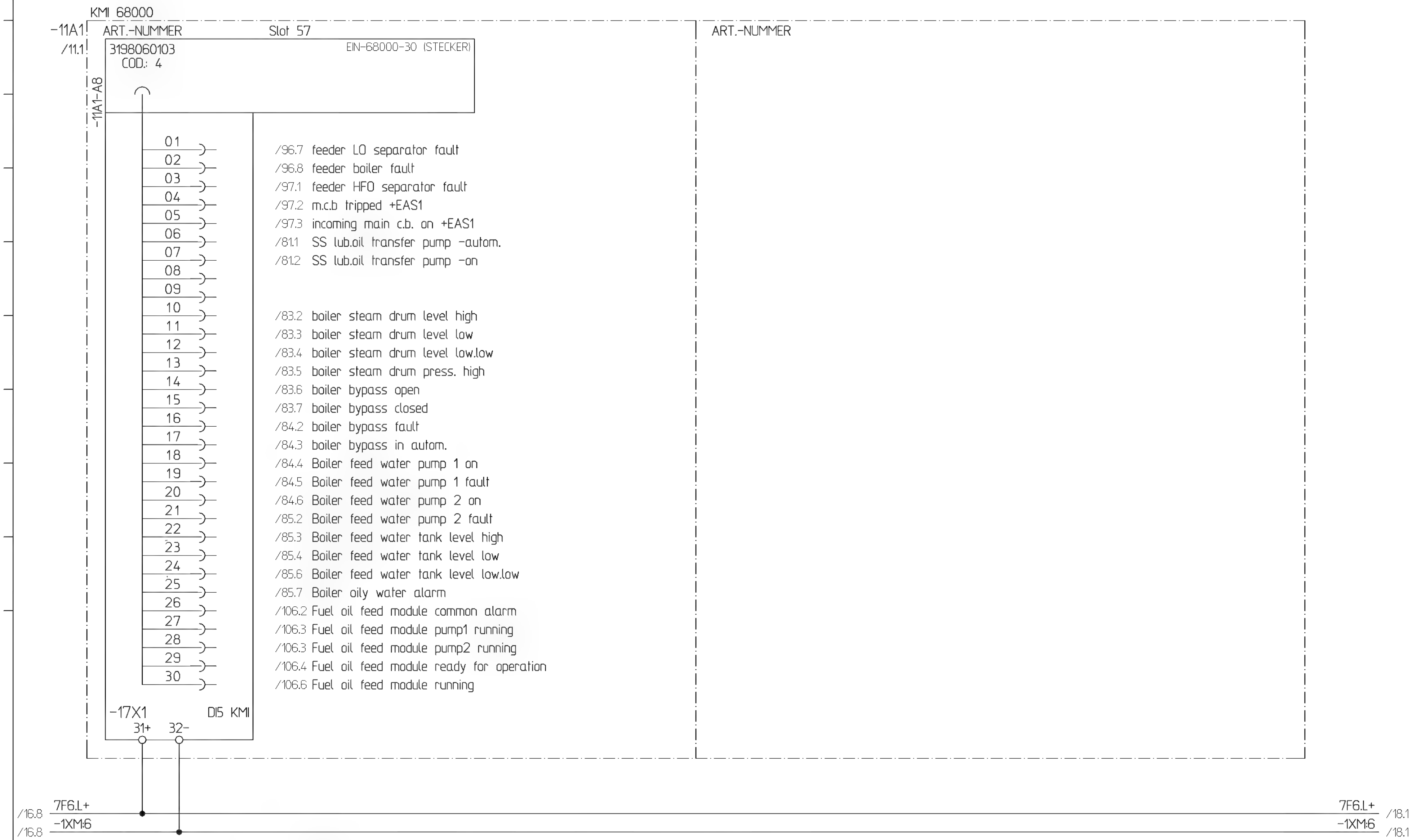
Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: modulinterface KMI slot 57-61 DI5

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

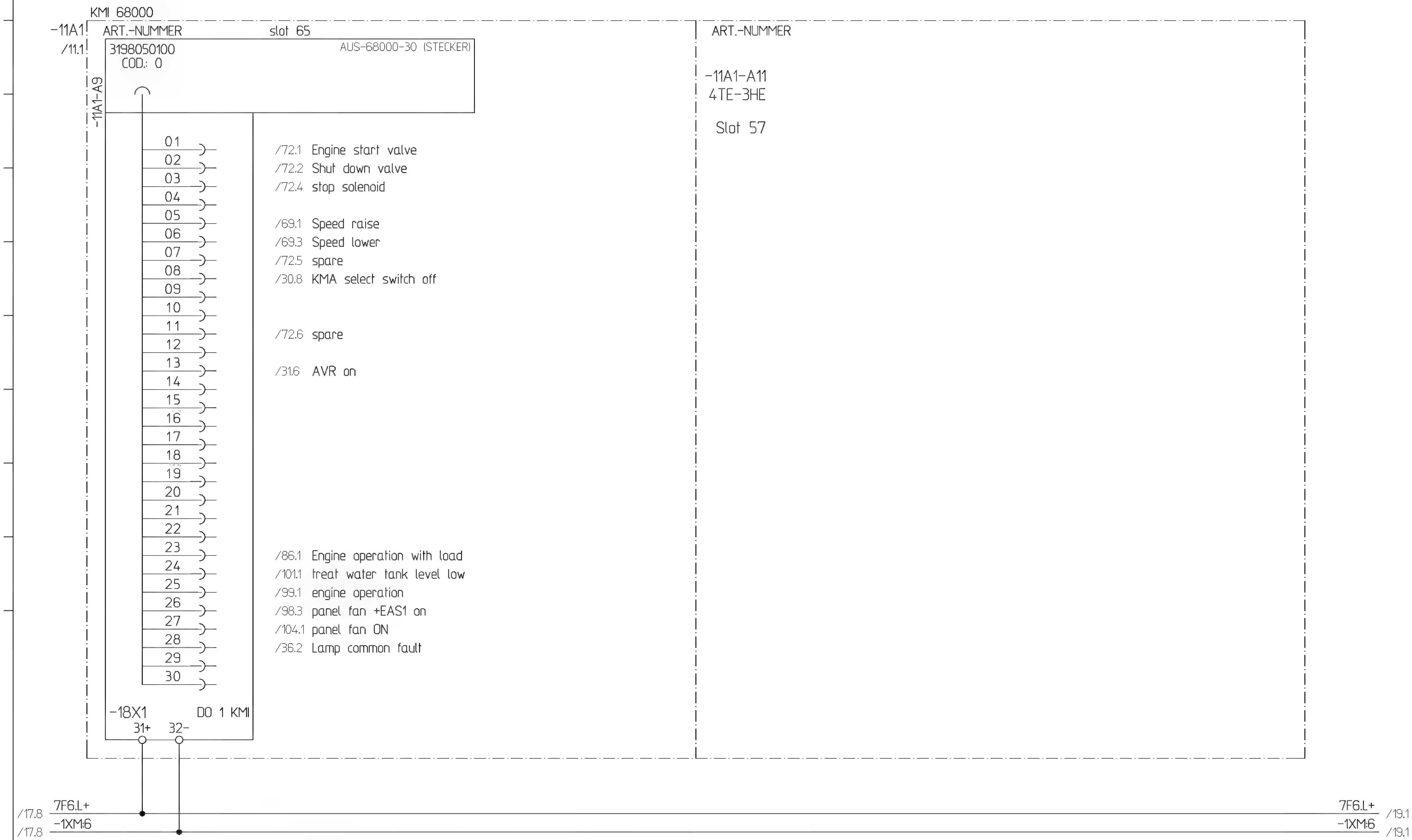
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

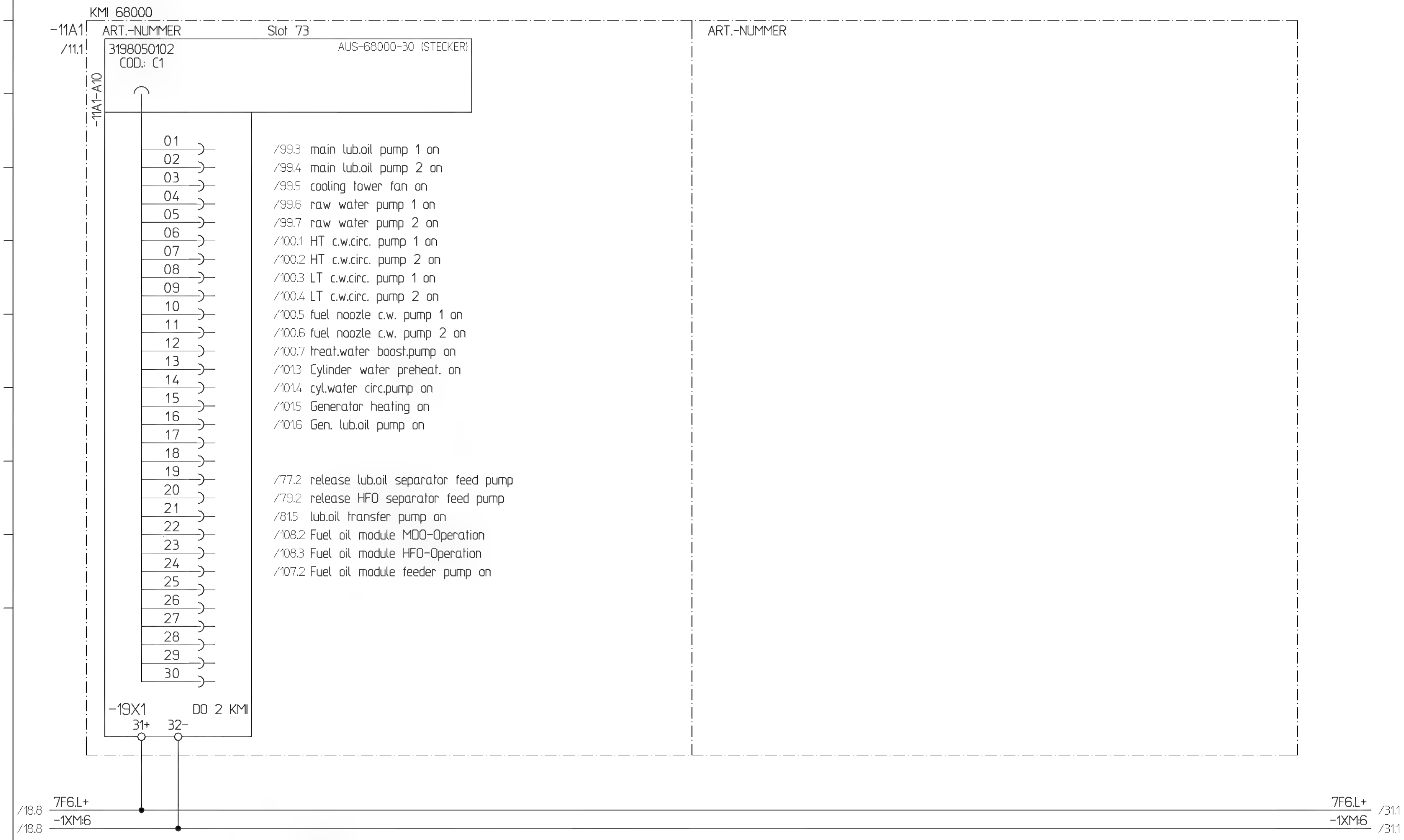
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: modulinterface KMI slot 65-69 D01

Index	changing	Date	name						
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501
				Desig.	A. Stellmann				43730 / 437300
				Check	A. Stellmann	Orig.	Ers.f.	Ers.d. 11.09.03	=DPP +ECPS1
				Norm	33				page 18 / 109 BL



Bildbeschreibung
IMAGE DESCRIPTION

modulinterface KMI slot 73-77 DO2

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

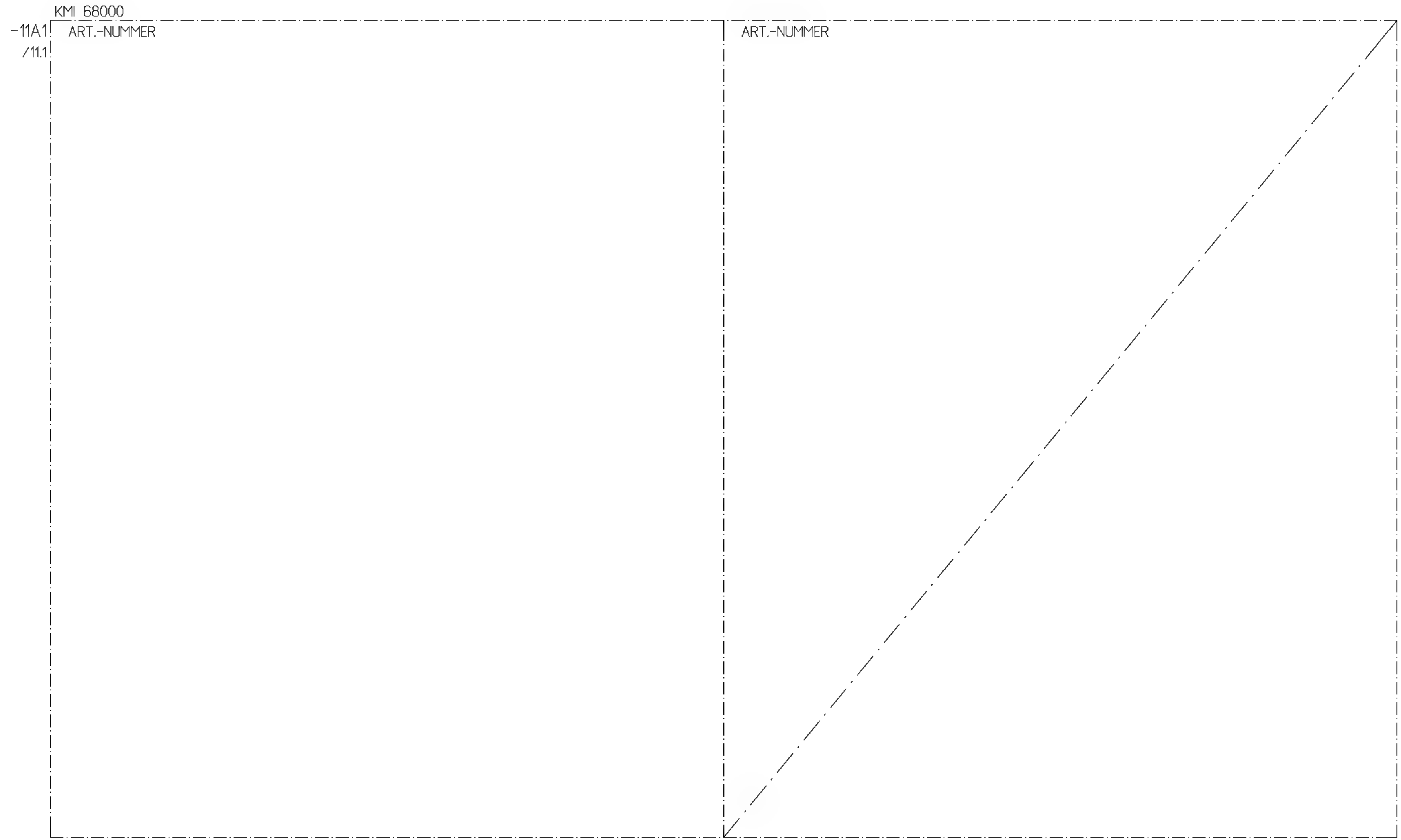
Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | KUHSE | Ersd. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 | 437300

=DPP
+ECPS1



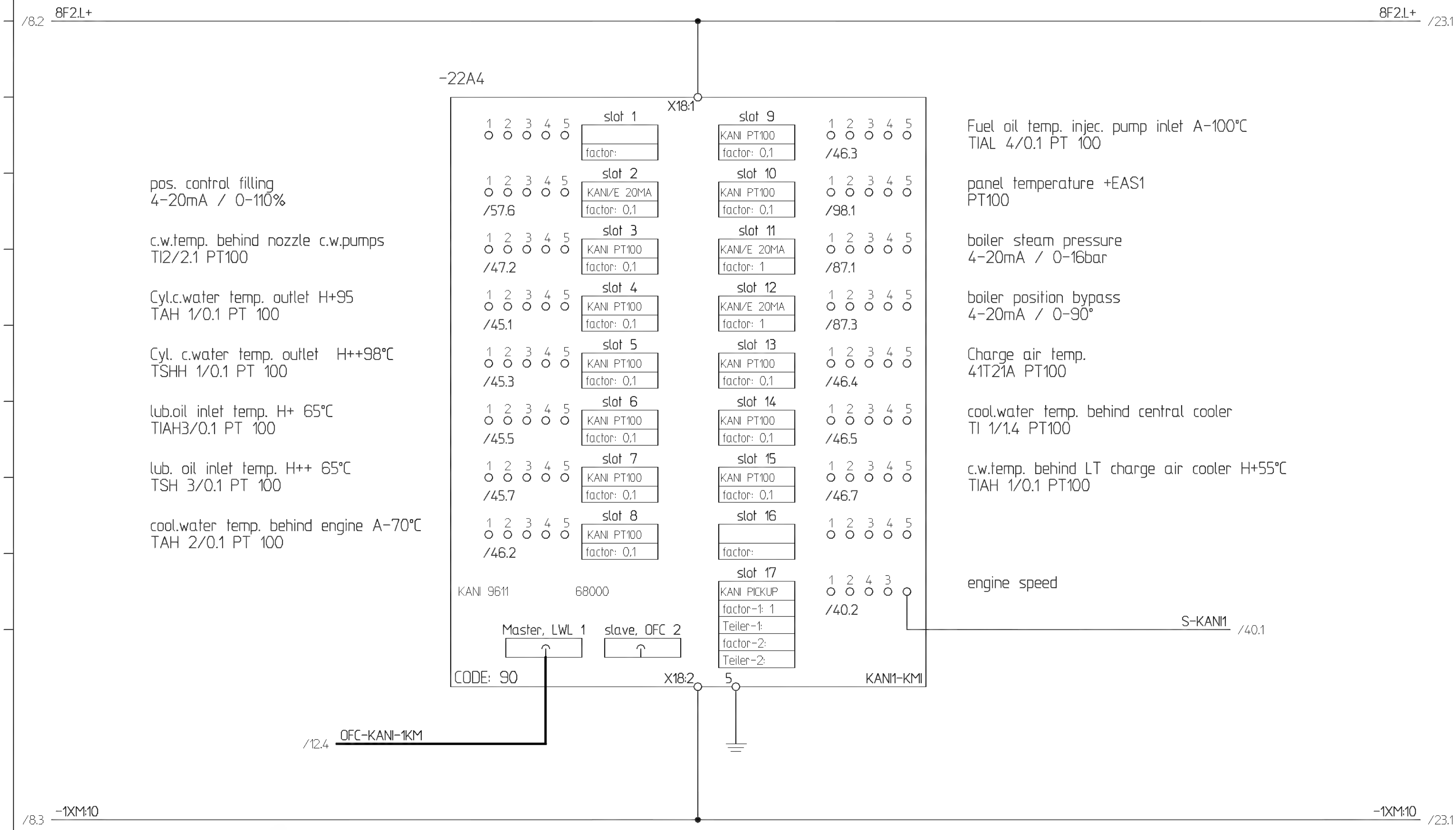
Bildbeschreibung
IMAGE DESCRIPTION

module interface KMI slot 81-XXunit

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501		=DPP +ECPS1
				Desig.	A. Stellmann						
				Check	A. Stellmann				43730	437300	page 20
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03				109 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name						
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501 / =DPP +ECPS1
				Desig.	A. Stellmann				43730 / 437300
				Check	A. Stellmann	Orig.	Ers.f.	Ers.d. 11.09.03	
				Norm	33				



Bildbeschreibung
IMAGE DESCRIPTION

KMI analog interface 1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

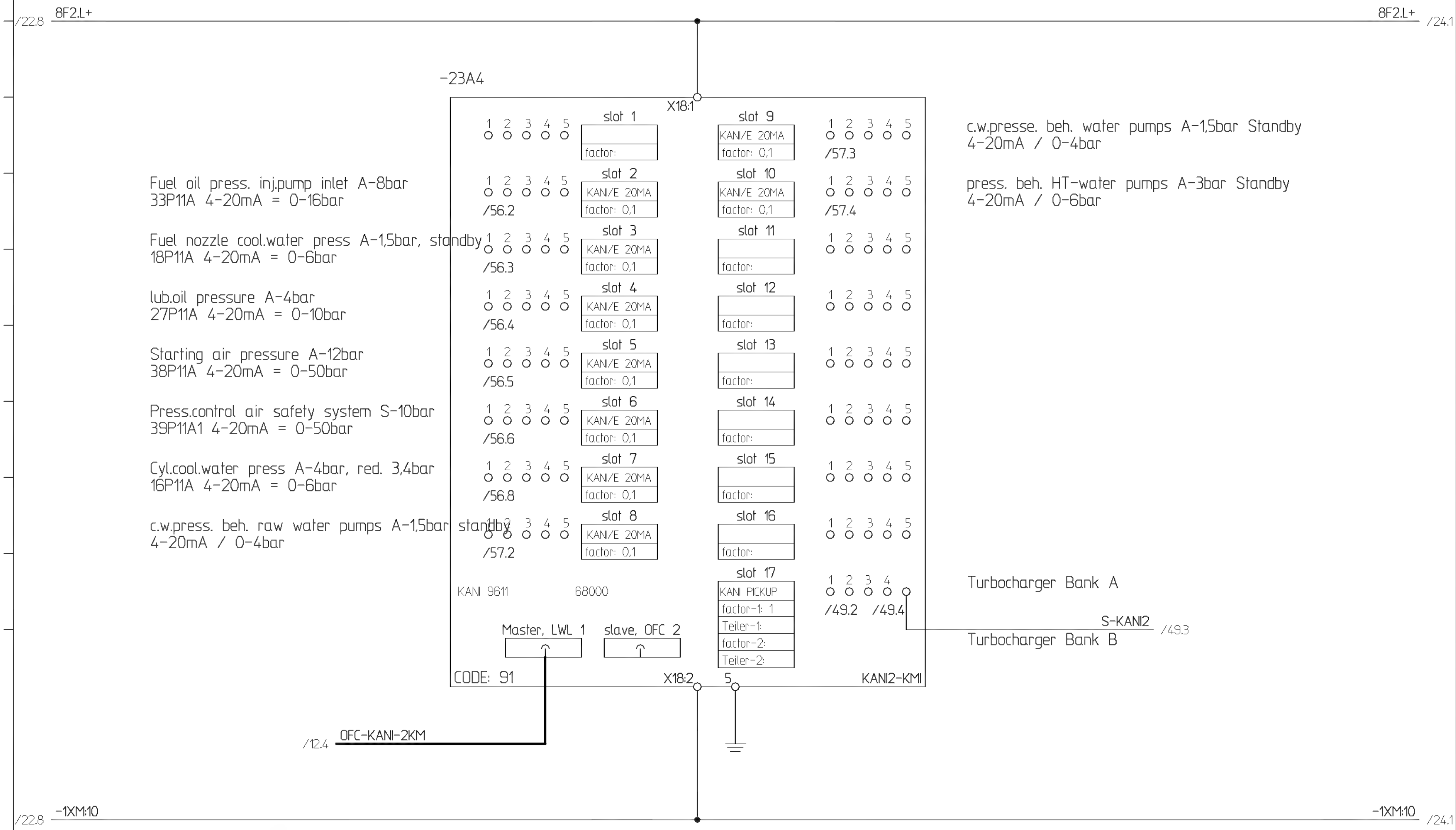
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

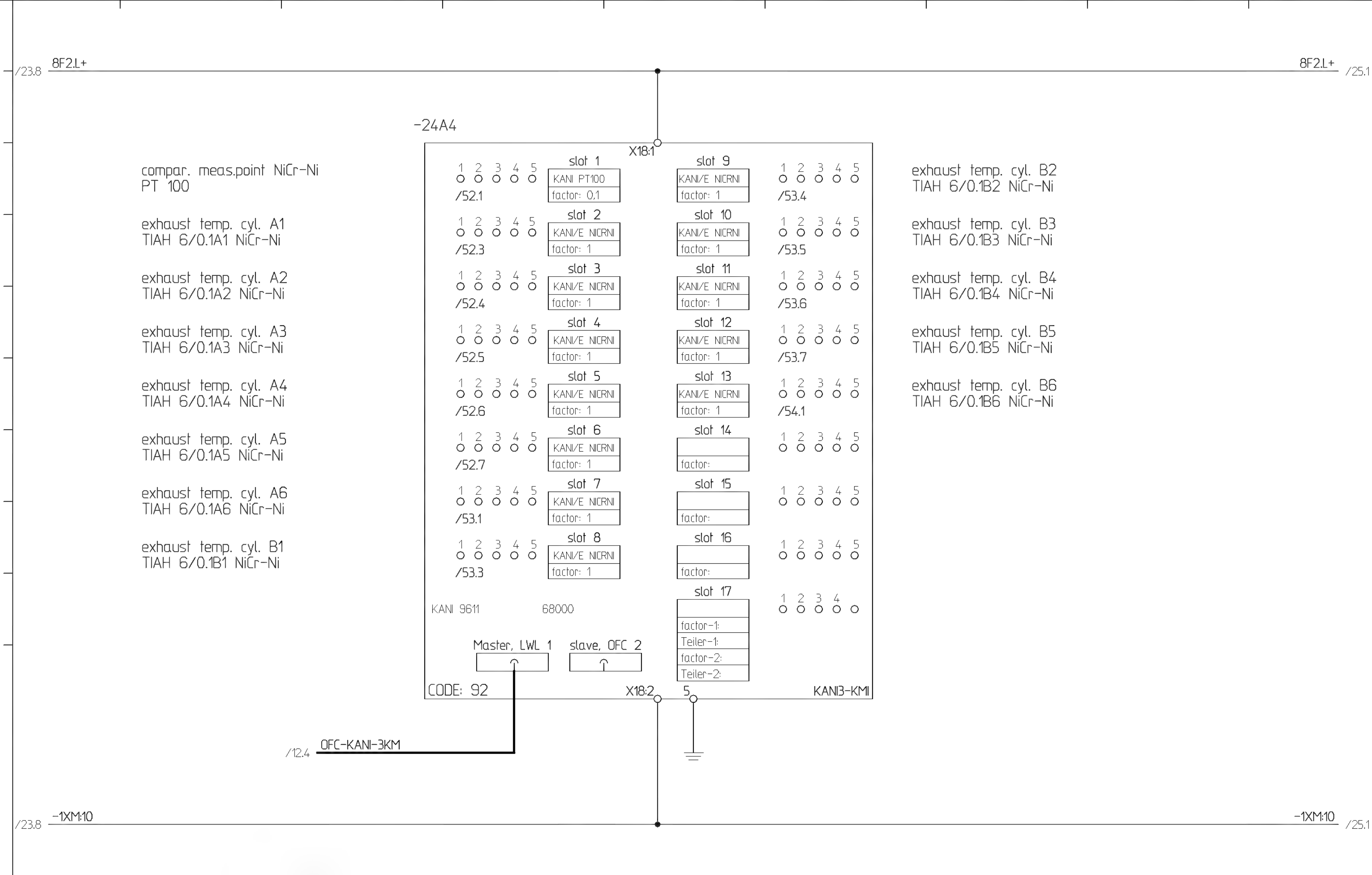
=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

KMI analog interface 2

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					
				Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03		



Bildbeschreibung
IMAGE DESCRIPTION

KMI analog interface 3

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

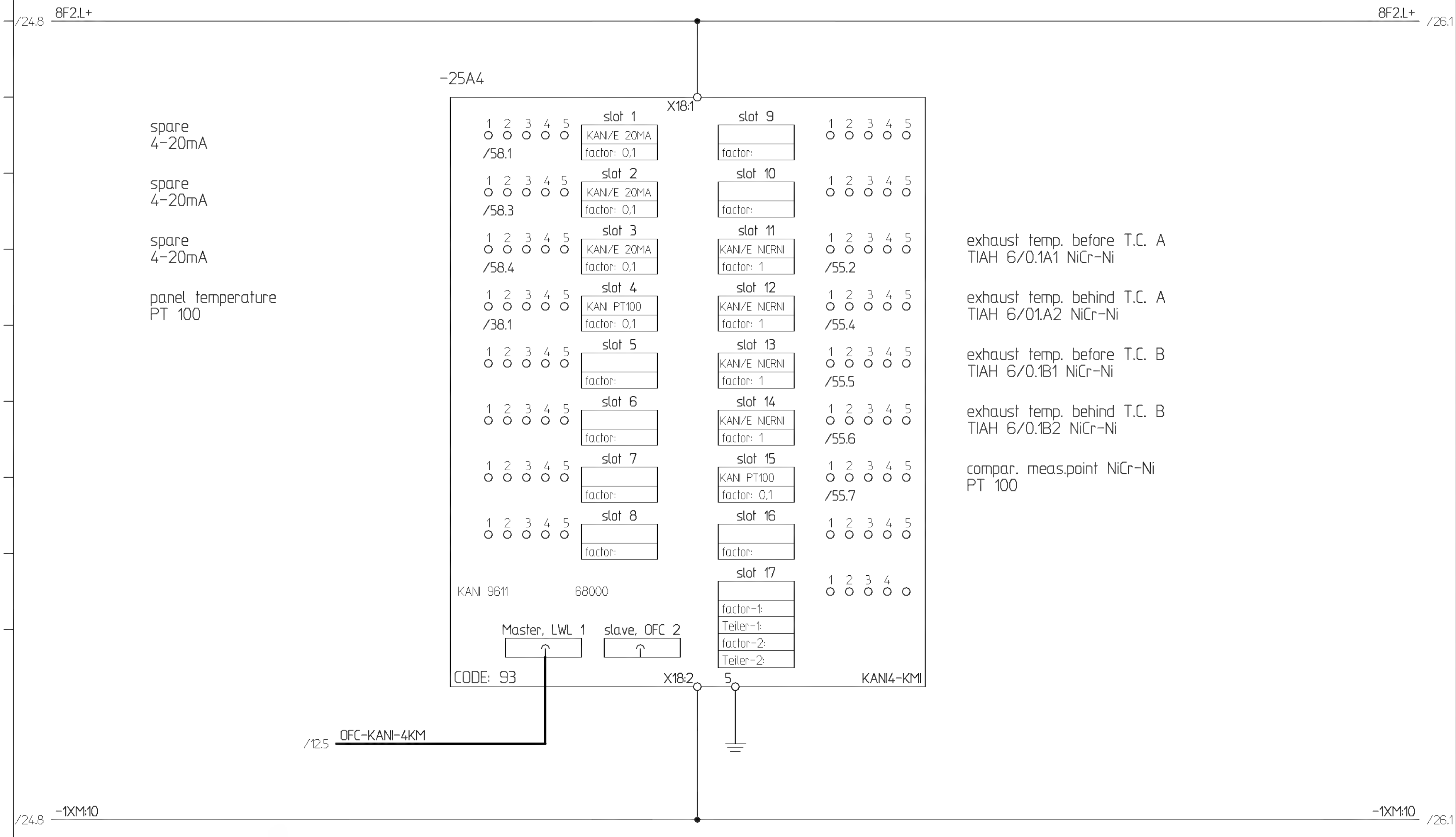
KUHSE

Orig. | Ers.f. | Ers.d. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: KMI analog interface 4

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

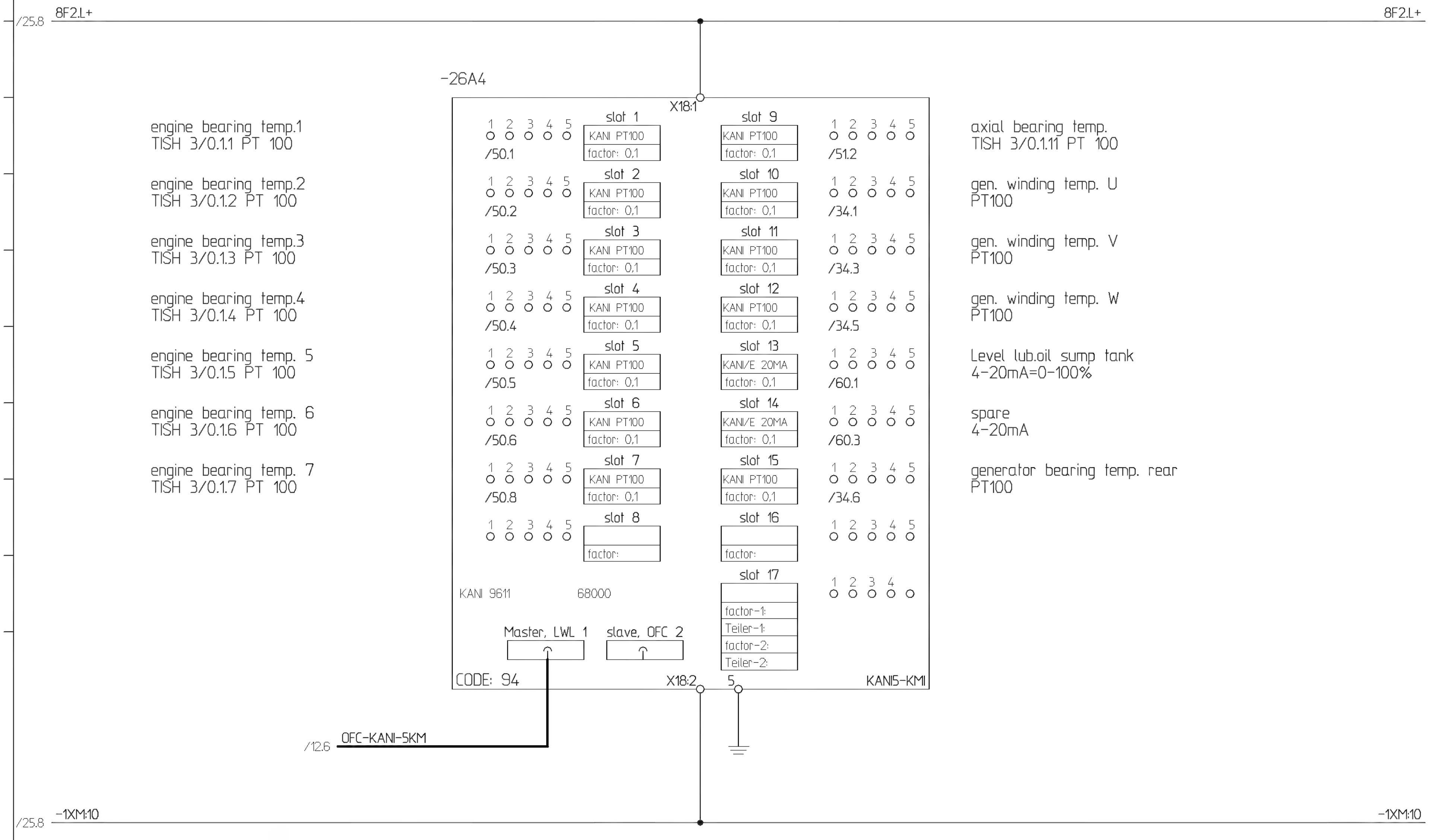
Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

KMI analog interface 5

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 437300

=DPP
+ECPS1

Bildbeschreibung
IMAGE DESCRIPTION

spare

				Date	08.07.03	Elektrim-MEGADEX		KUHSE	DPP 5(7) Syn.	4500005501		=DPP
				Desig.	A. Stellmann	Monde Energy Philippines			MST 5"/10"PC			+ECPS1
				Check	A. Stellmann				Engine control panel Sulzer 1	43730	437300	page 27
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03				109 BL

Bildbeschreibung
IMAGE DESCRIPTION

Spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

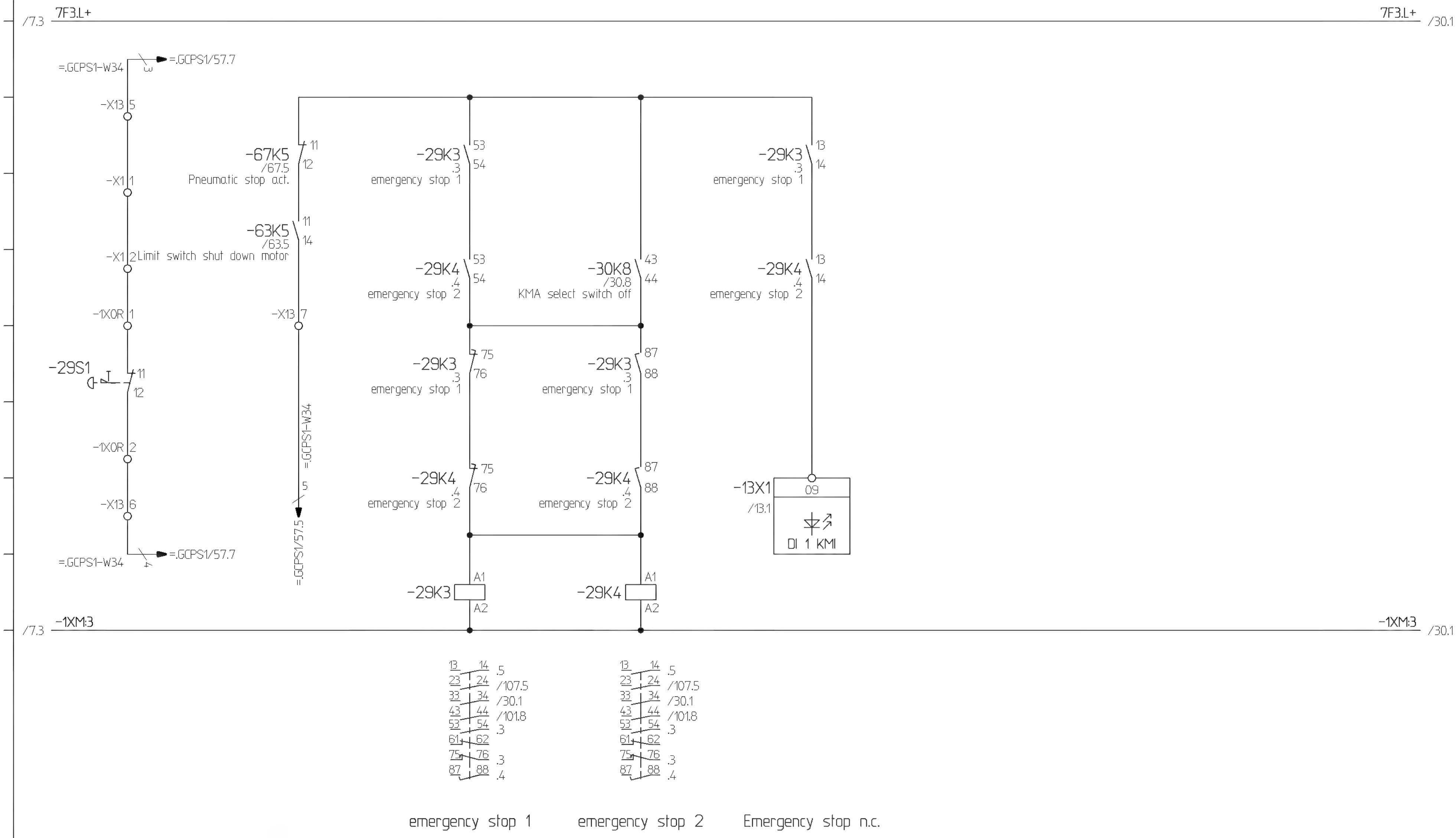
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

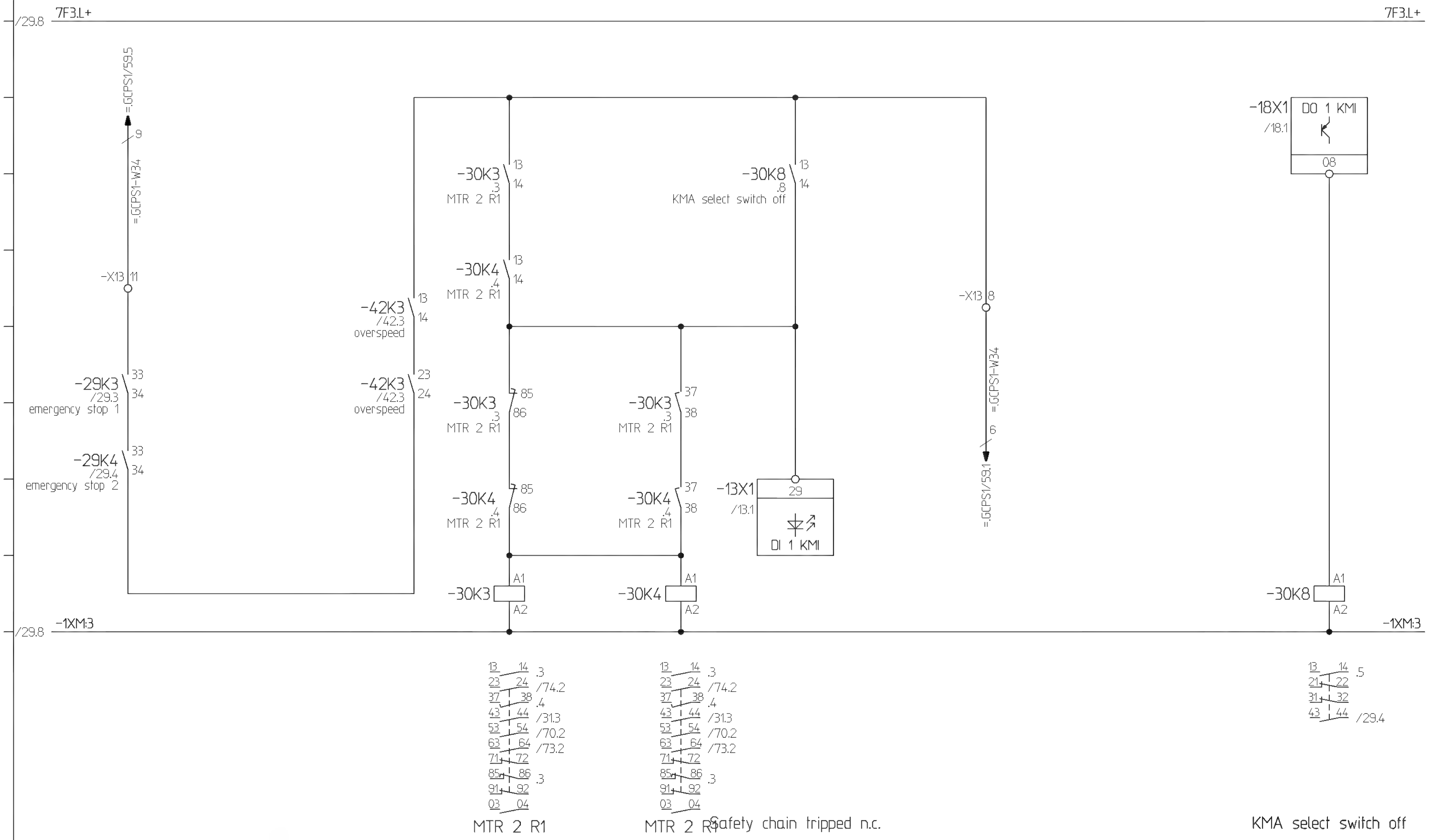
=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

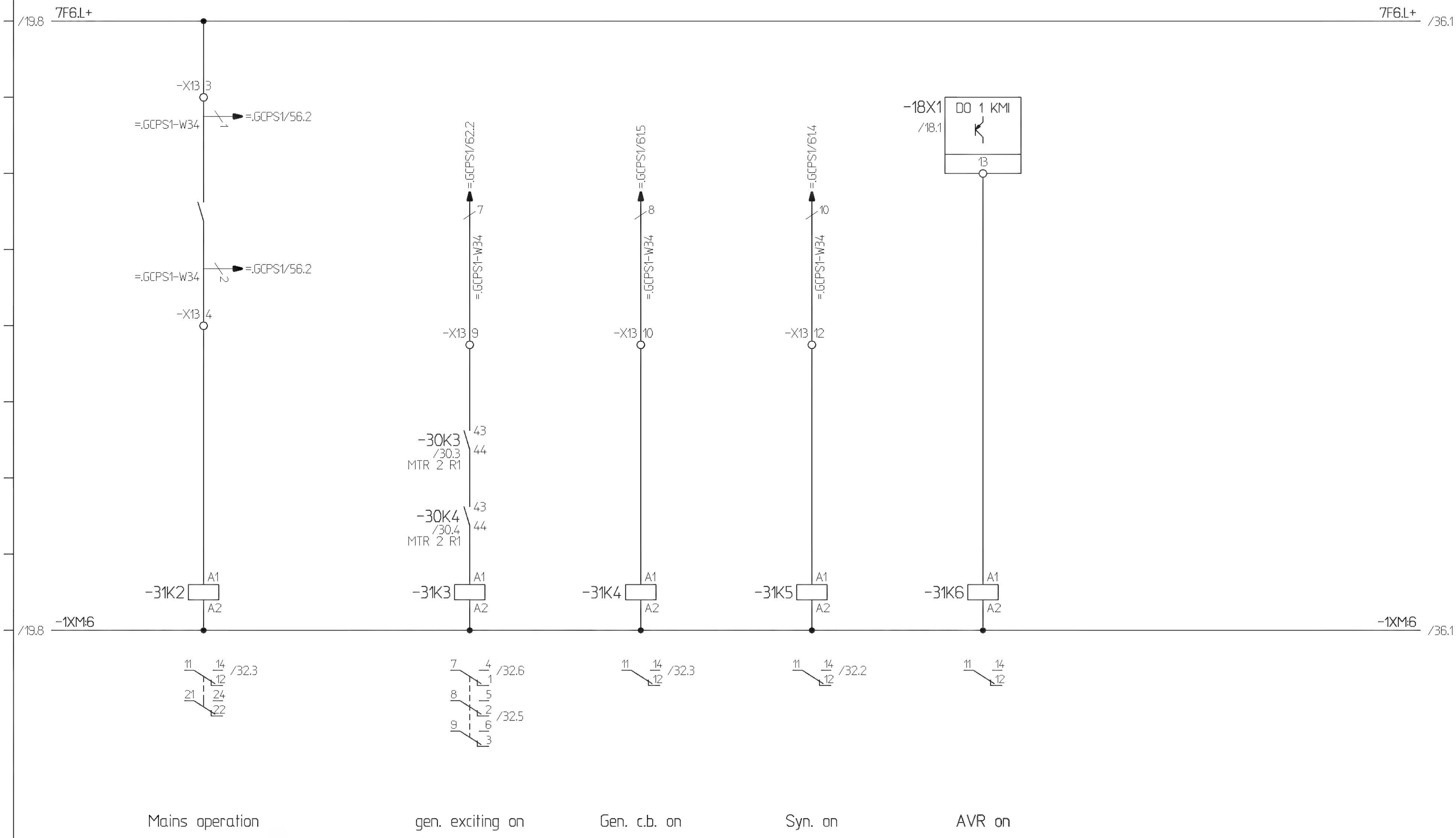
genset emerg.stop

			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm 33	Orig. / Ers.f.	Ers.d. 11.09.03			page 29 / 109 BL



Bildbeschreibung IMAGE DESCRIPTION: Safety chain

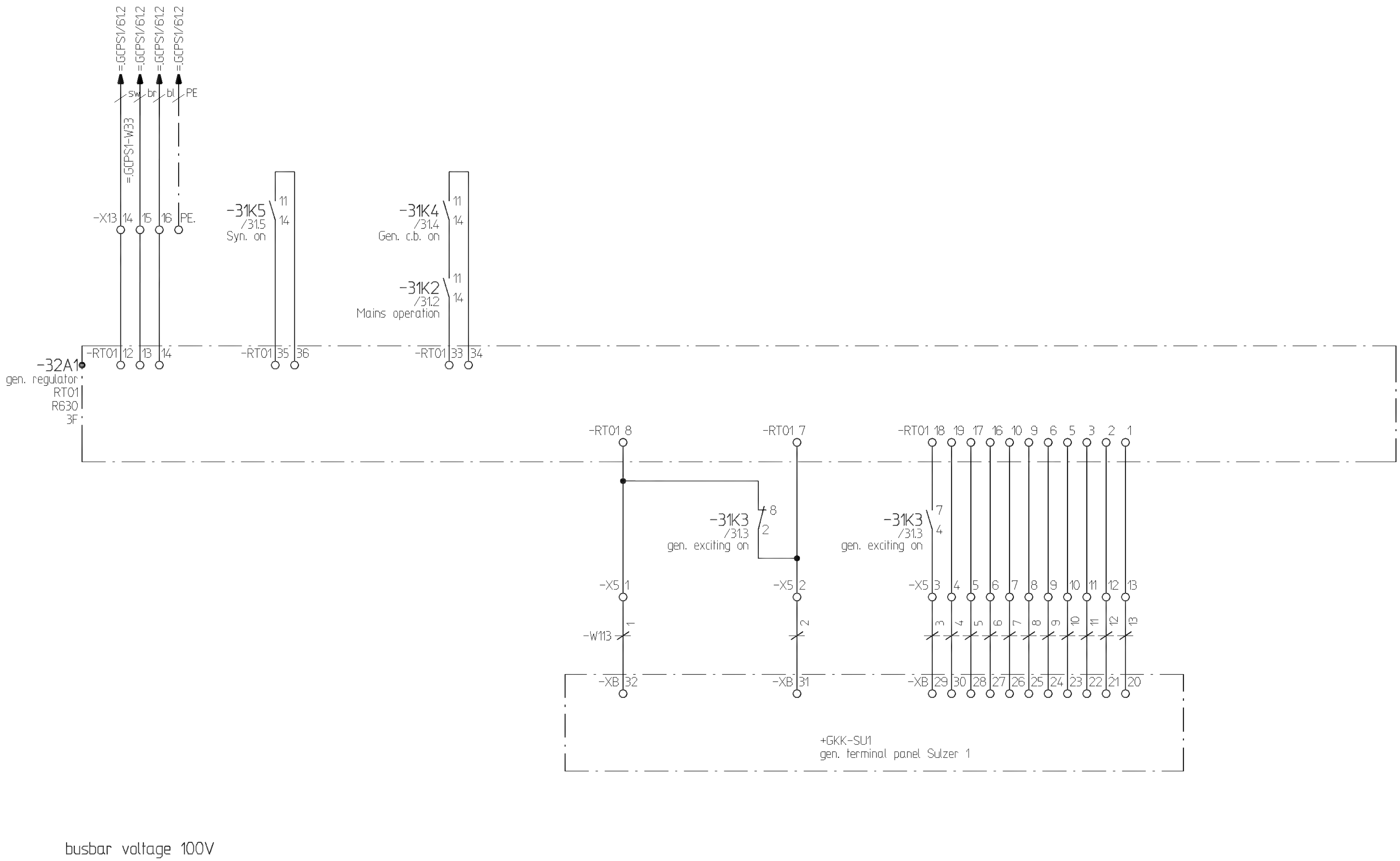
Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 30
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL



Bildbeschreibung
IMAGE DESCRIPTION

Gen. excitation control

			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730 437300	page 31
Index	changing	Date	name	Norm 33	Orig. Ers.f.	Ers.d. 11.09.03			109 BL



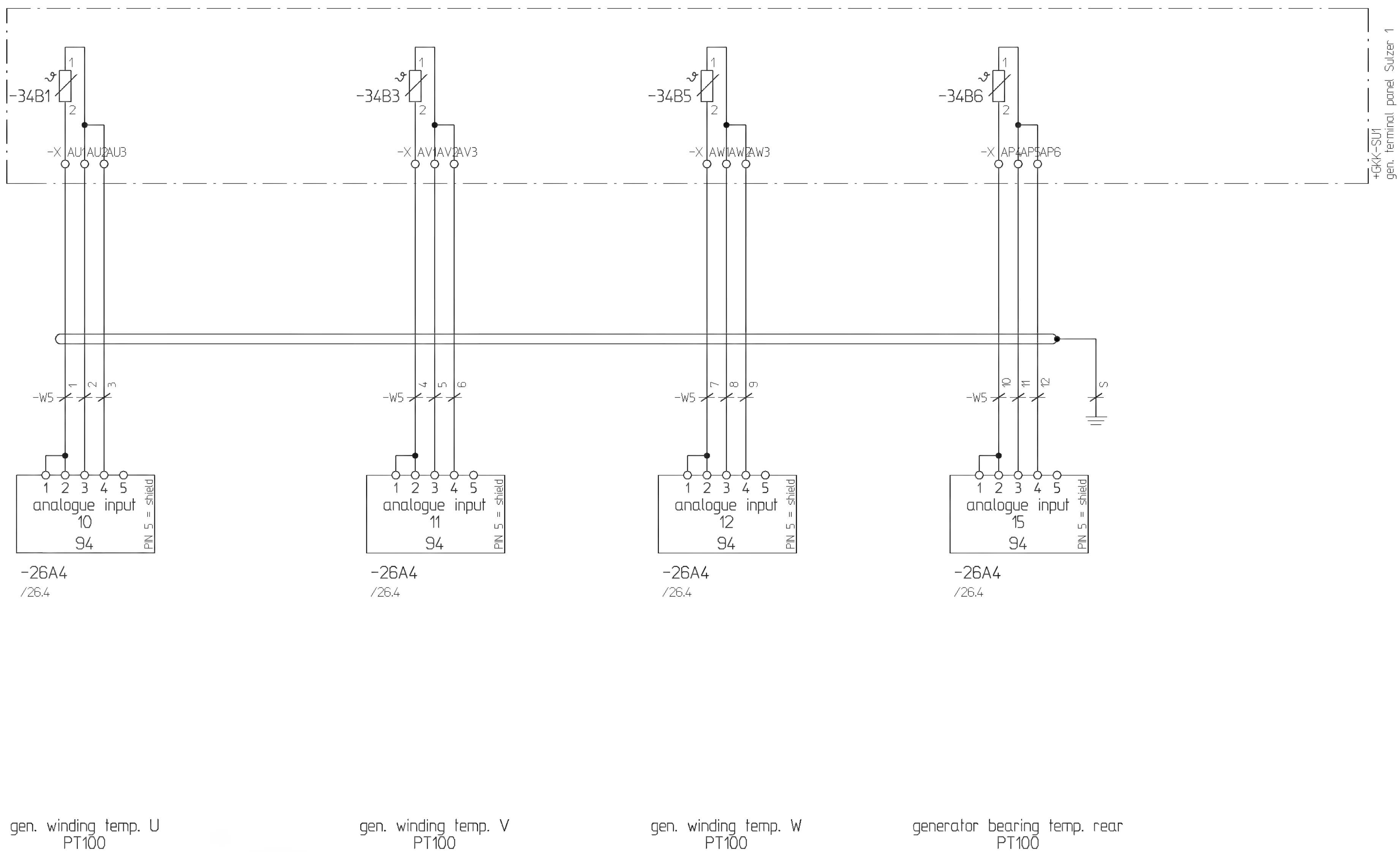
Bildbeschreibung
IMAGE DESCRIPTION generator contr.

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name								
				Date	08.07.03	Elektrim-MEGADEX		KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines			MST 5"/10"PC		+ECPS1
				Check	A. Stellmann				Engine control panel Sulzer 1	43730 / 437300	page 33
				Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03			109 BL



Bildbeschreibung
IMAGE DESCRIPTION

generator analogue measurement

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					page 34
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

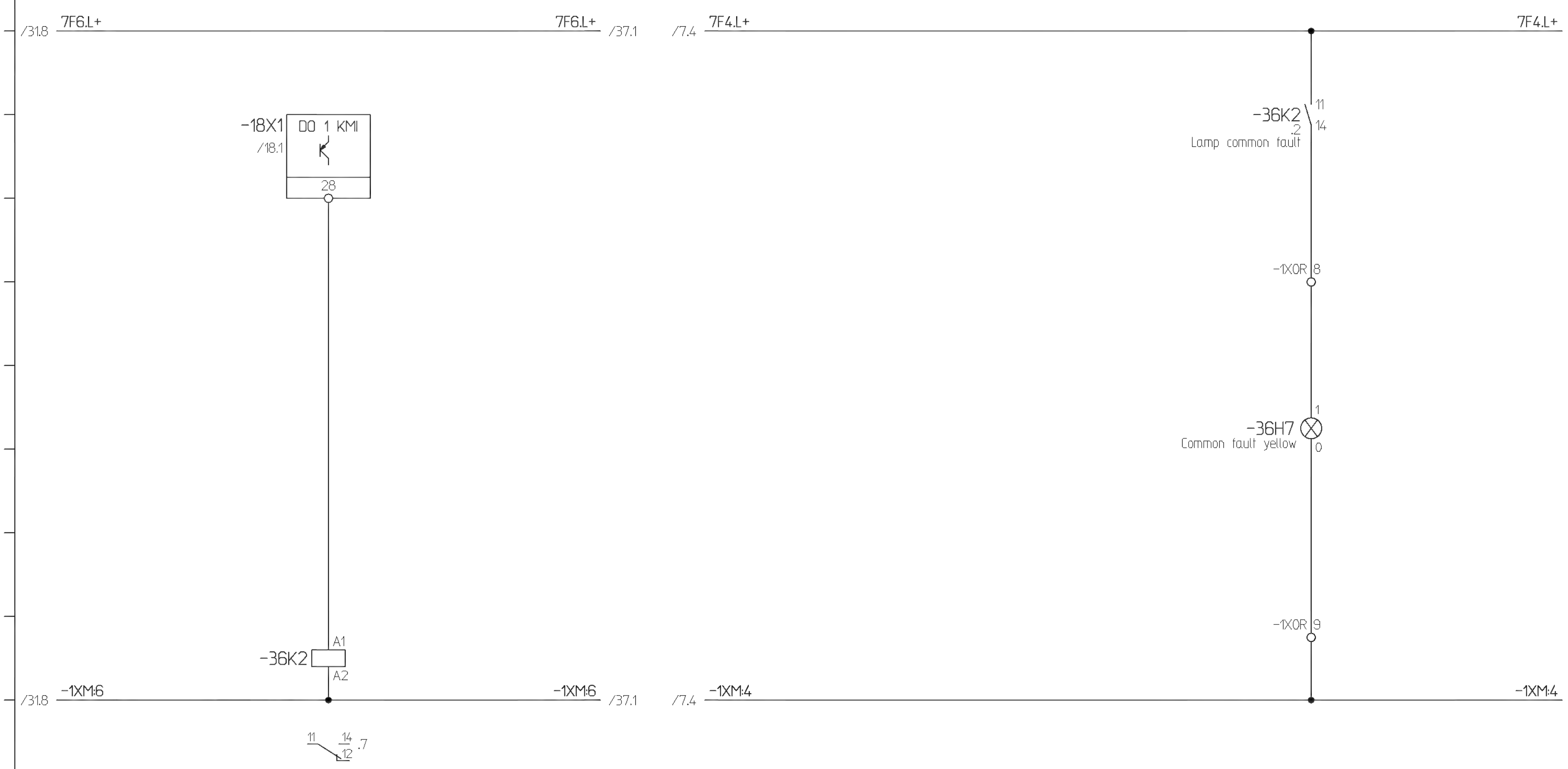
Index	changing	Date	name				
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE
				Desig.	A. Stellmann		
				Check	A. Stellmann		
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

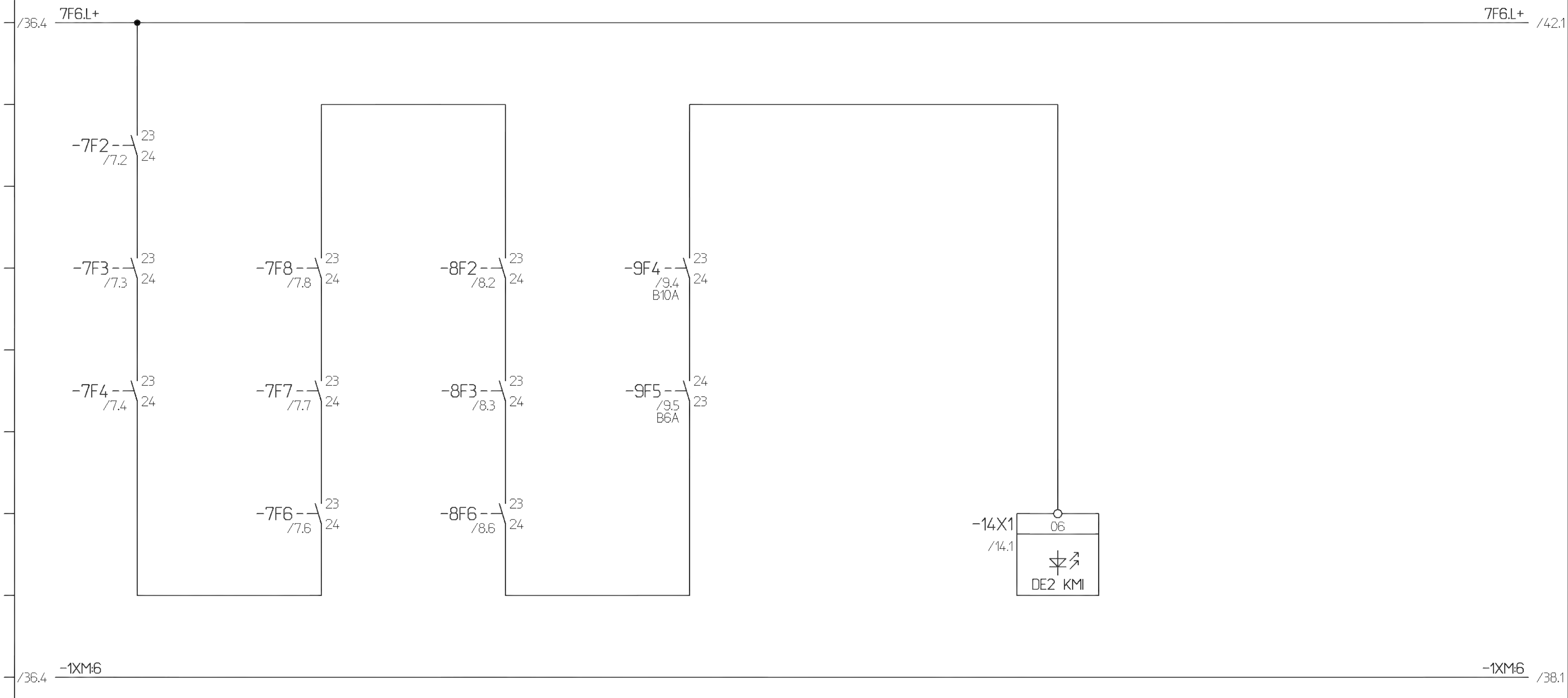
=DPP
+ECPS1



Lamp common fault

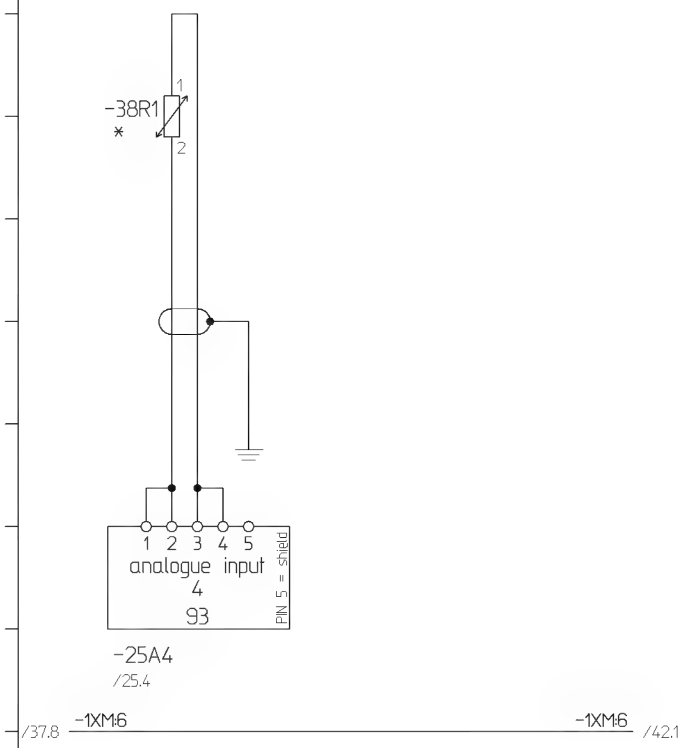
Bildbeschreibung IMAGE DESCRIPTION — Signal lamps

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 36 / 109 BL



Bildbeschreibung
IMAGE DESCRIPTION fuse monitoring

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 37 / 109 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



panel temperature
PT 100

* location "above"

Bildbeschreibung
IMAGE DESCRIPTION

panel temperature control system

Index	changing	Date	name						
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501
				Desig.	A. Stellmann				=DPP +ECPS1
				Check	A. Stellmann				43730 / 437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		page 38 / 109 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

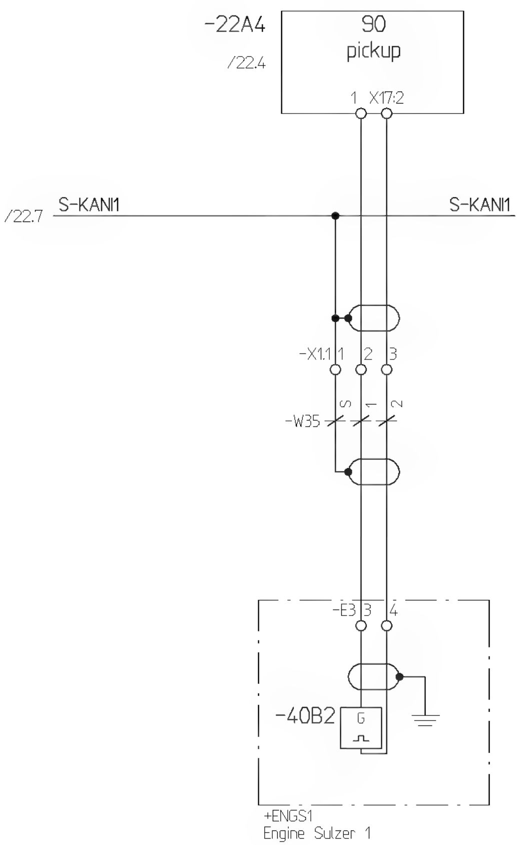
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1



engine speed

rated speed 514rpm

Bildbeschreibung
IMAGE DESCRIPTION: speed monitoring engine

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

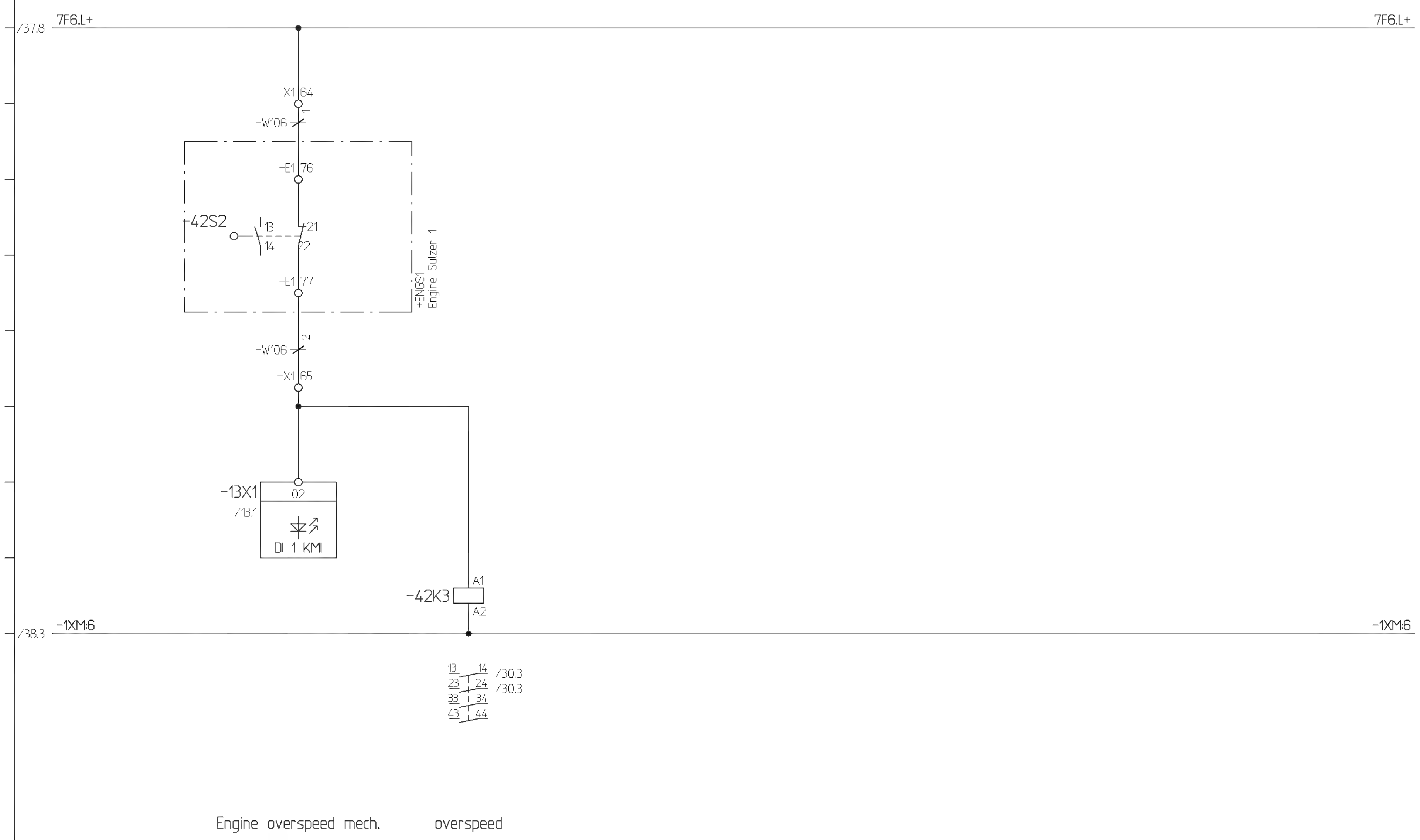
=DPP
+ECPS1

/7.8 7F8.L+ — 7F8.L+ /43.1

/7.8 −1XM:8 — −1XM:8 /43.1

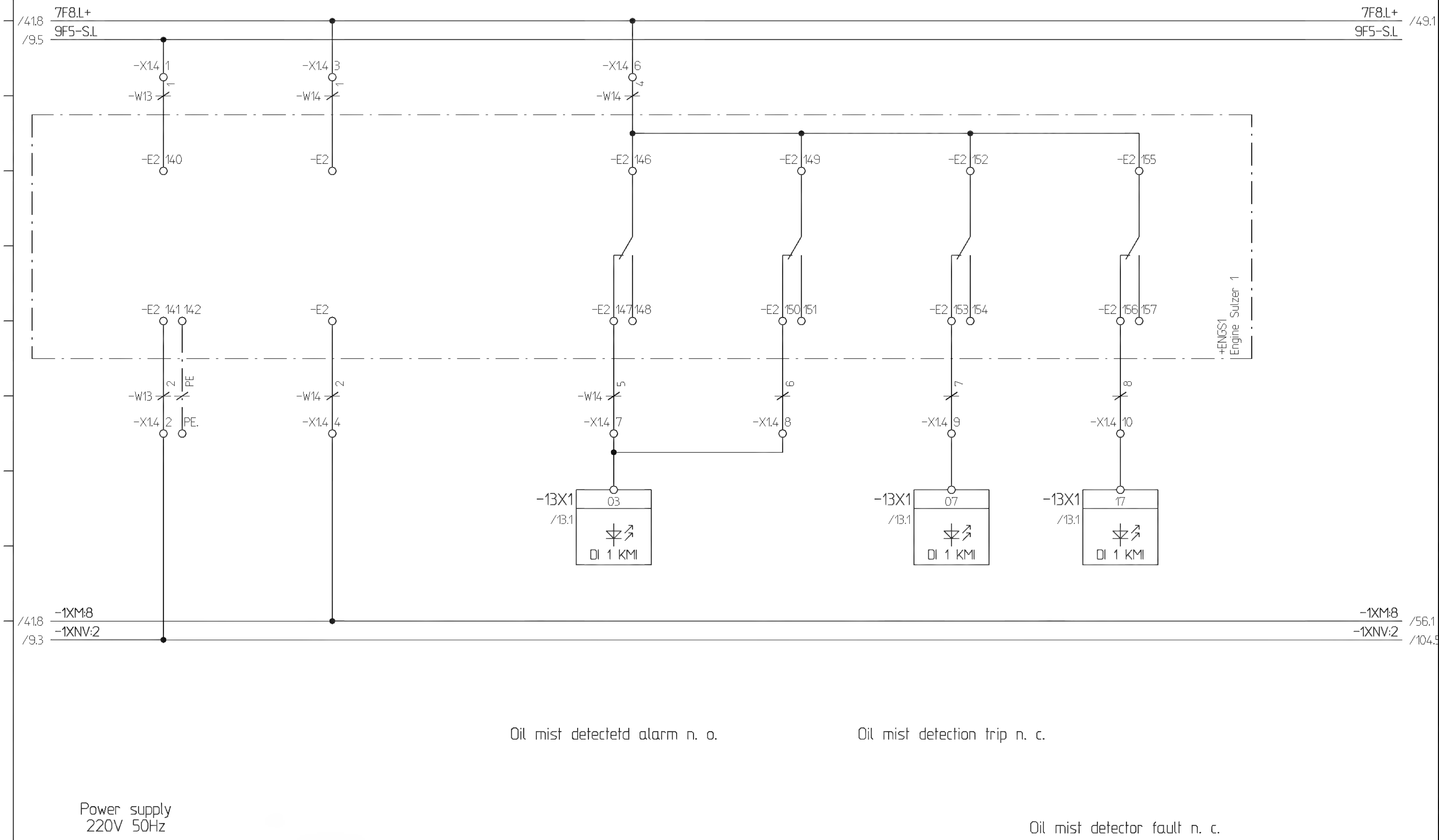
Bildbeschreibung
IMAGE DESCRIPTION spare

			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730 / 437300	page 41
Index	changing	Date	name	Norm 33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL



Bildbeschreibung IMAGE DESCRIPTION: signal processing overspeed

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig.	Ers.f.	Ers.d. 11.09.03		page 42 / 109 BL
				Norm	33					

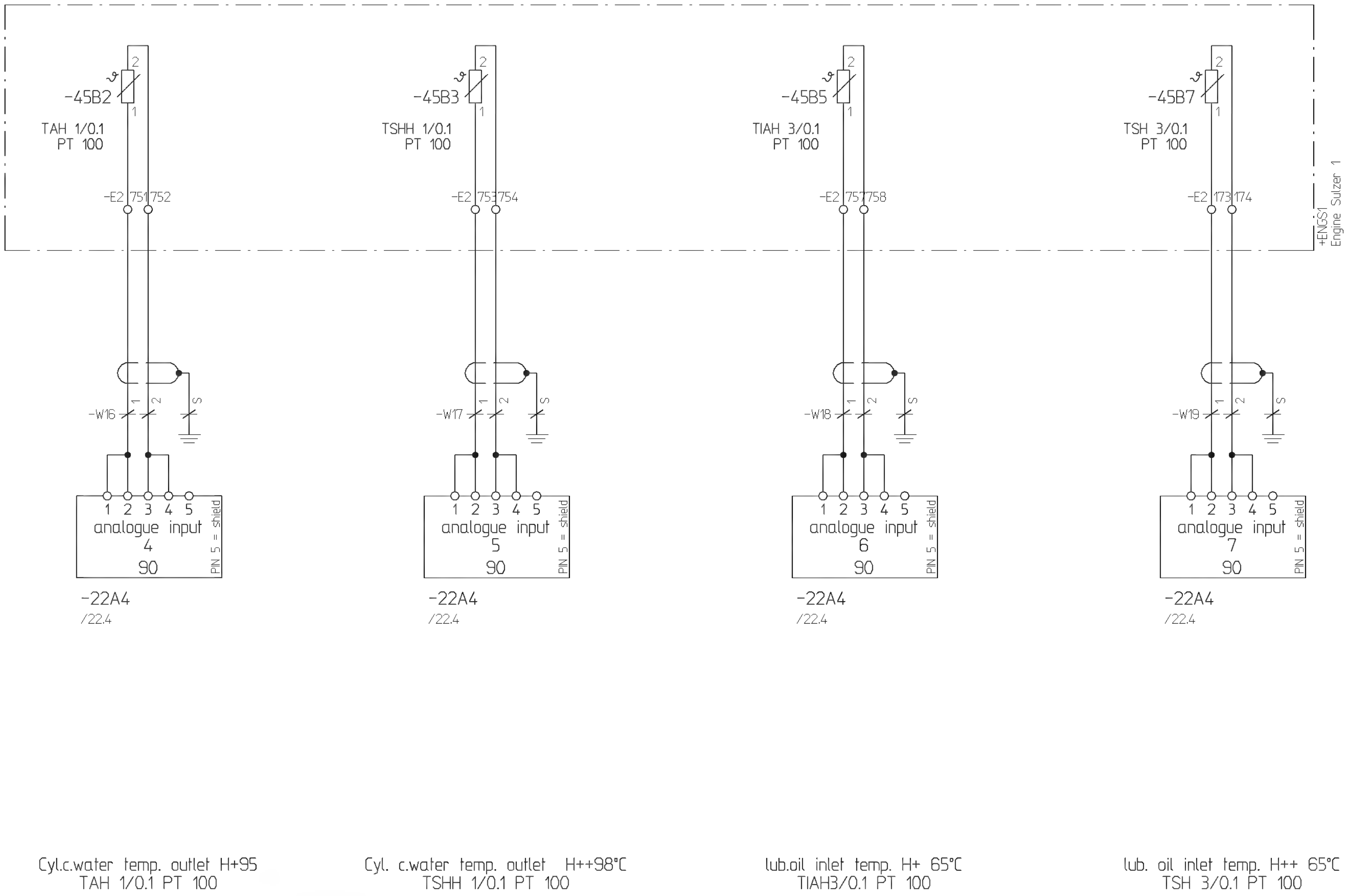


Bildbeschreibung IMAGE DESCRIPTION: Oel mist detector

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
				Check	A. Stellmann			Engine control panel Sulzer 1	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 43 / 109 BL

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann					
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 44 / 109 BL



Bildbeschreibung / IMAGE DESCRIPTION: Engine analog sensors PT100

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

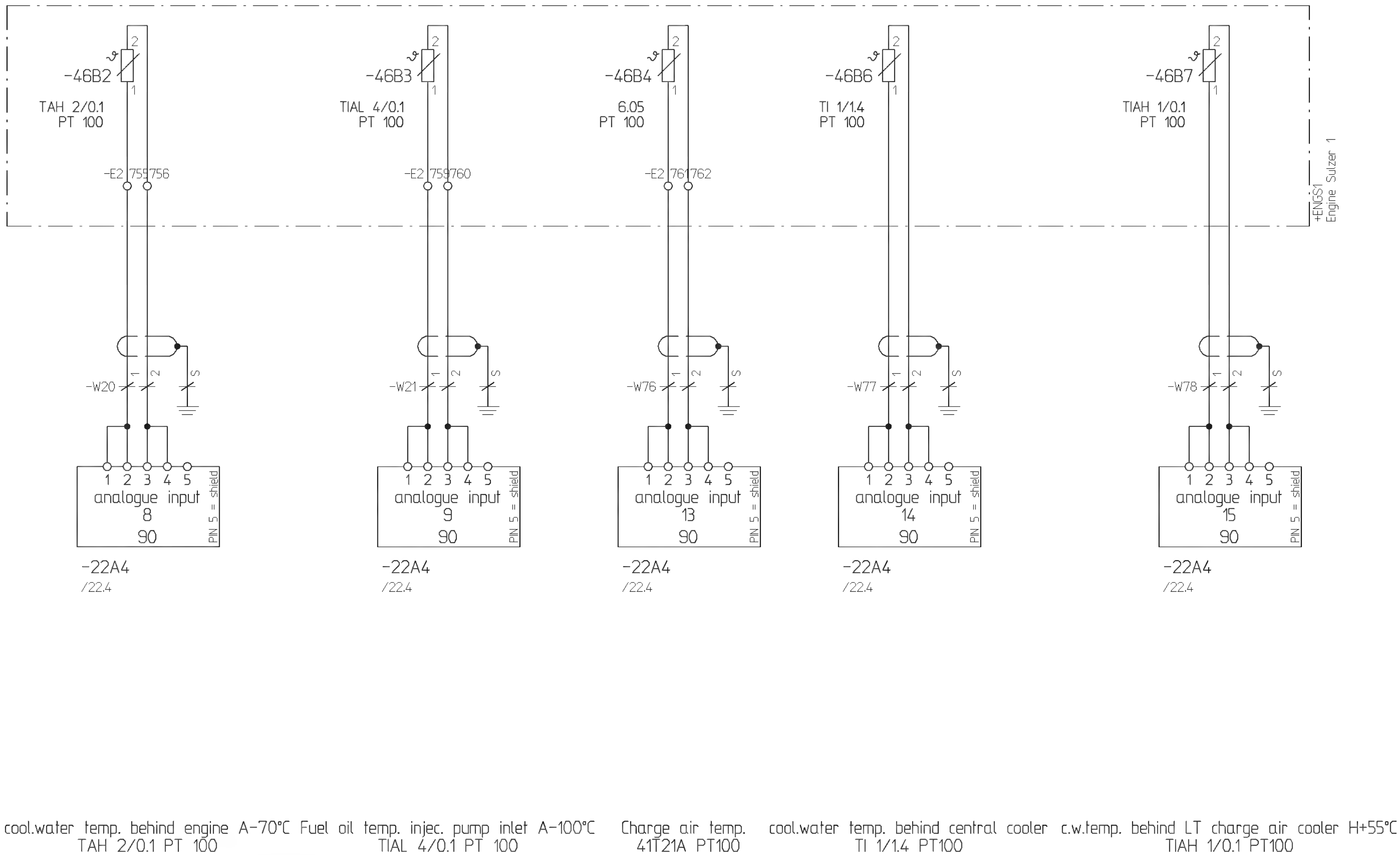
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: Engine analog sensors PT100

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 | 437300
=DPP
+ECPS1



c.w.temp. behind nozzle c.w.pumps
TI2/2.1 PT100

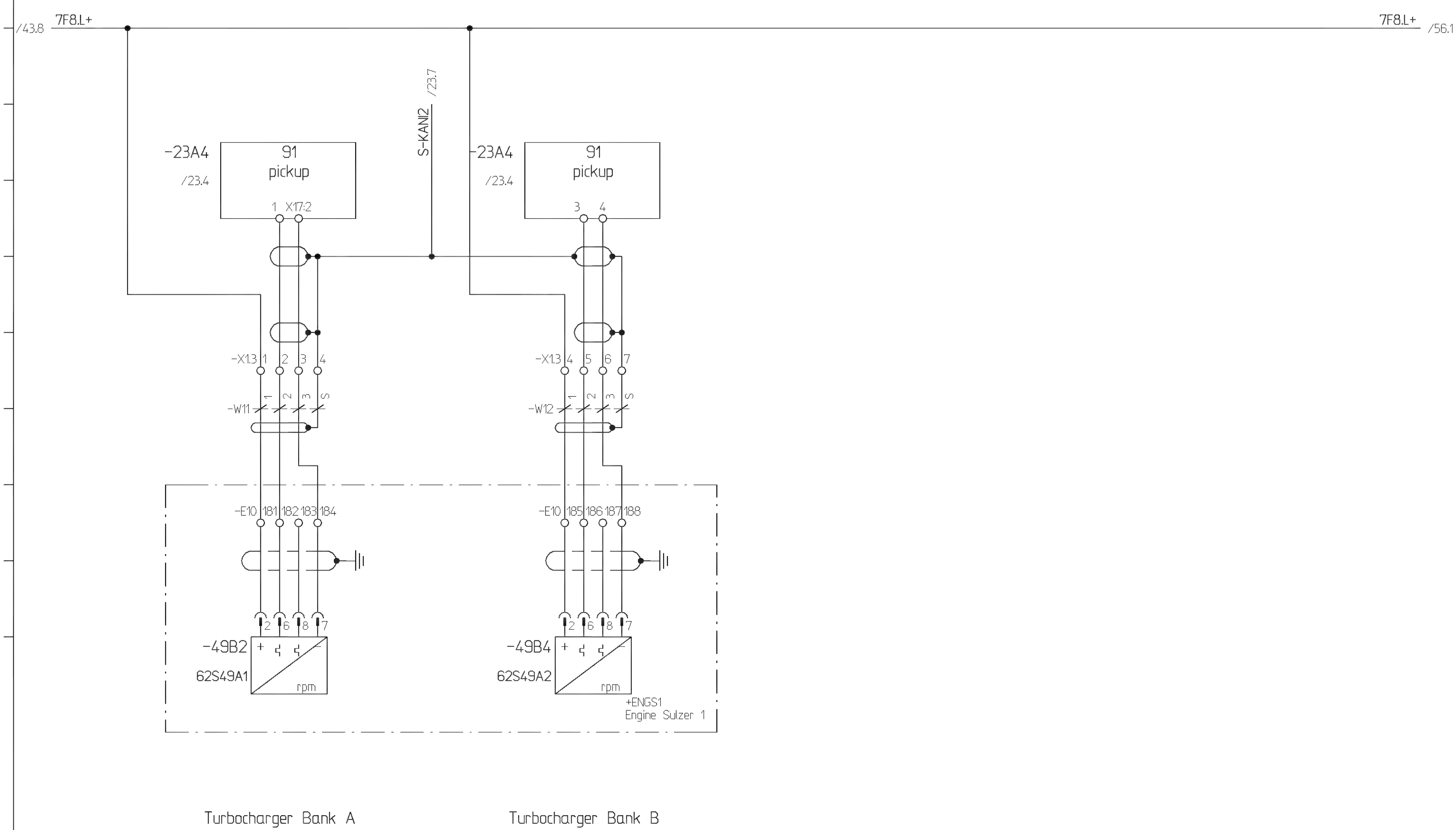
Bildbeschreibung
IMAGE DESCRIPTION

Engine analogue sensors PT100

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 47 / 109 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			

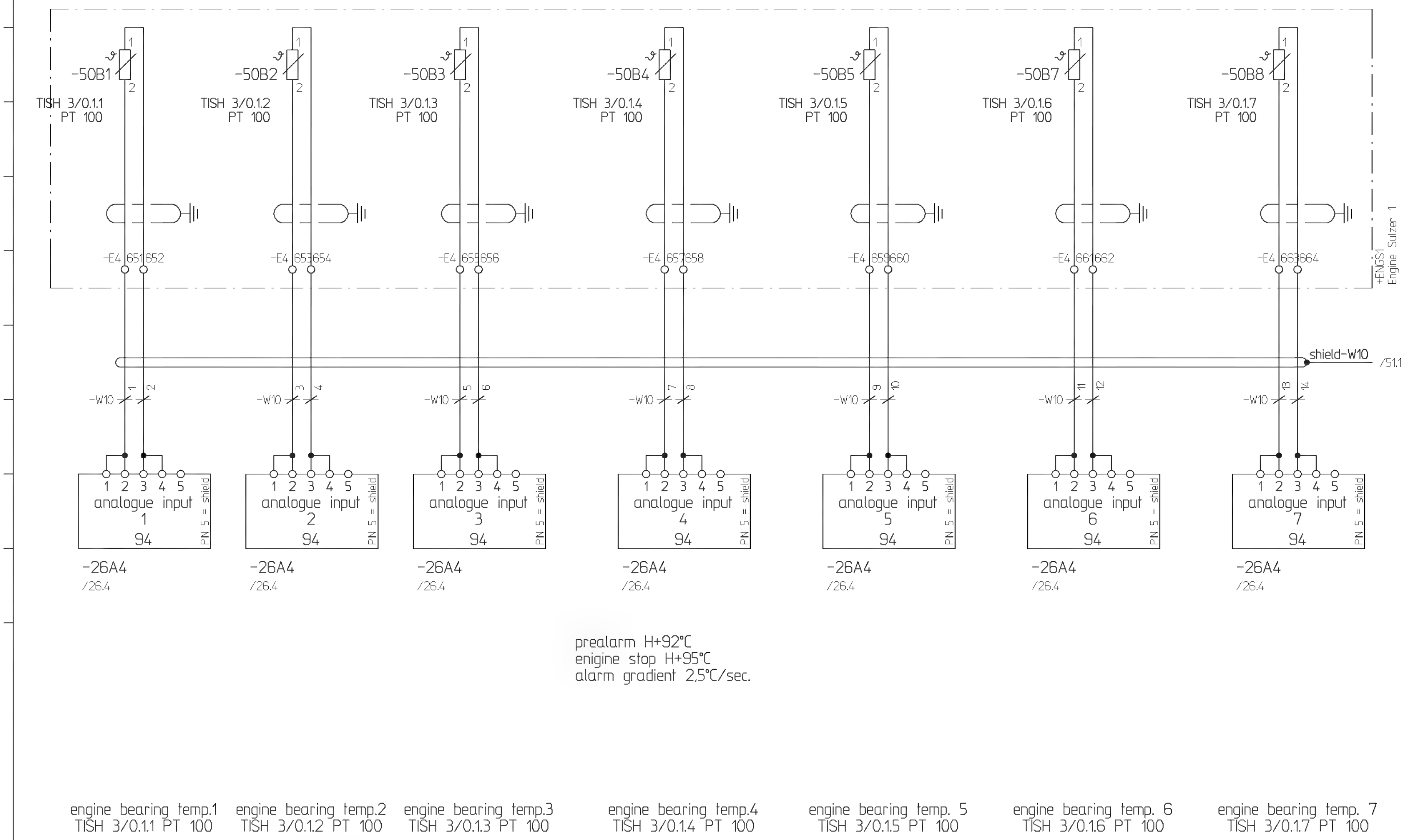
Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03				
				Date	08.07.03	Elektrim-MEGADEX		KUHSE	DPP 5(7) Syn.	4500005501		=DPP
				Desig.	A. Stellmann	Monde Energy Philippines			MST 5"/10"PC			+ECPS1
				Check	A. Stellmann				Engine control panel Sulzer 1	43730	437300	page 48 / 109 BL



Bildbeschreibung IMAGE DESCRIPTION: speed detection turbo charger

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
				Check	A. Stellmann			Engine control panel Sulzer 1	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 49 / 109 BL



Bildbeschreibung
IMAGE DESCRIPTION

analogue measurement engine bearing

Index	changing	Date	name	Norm	33
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann

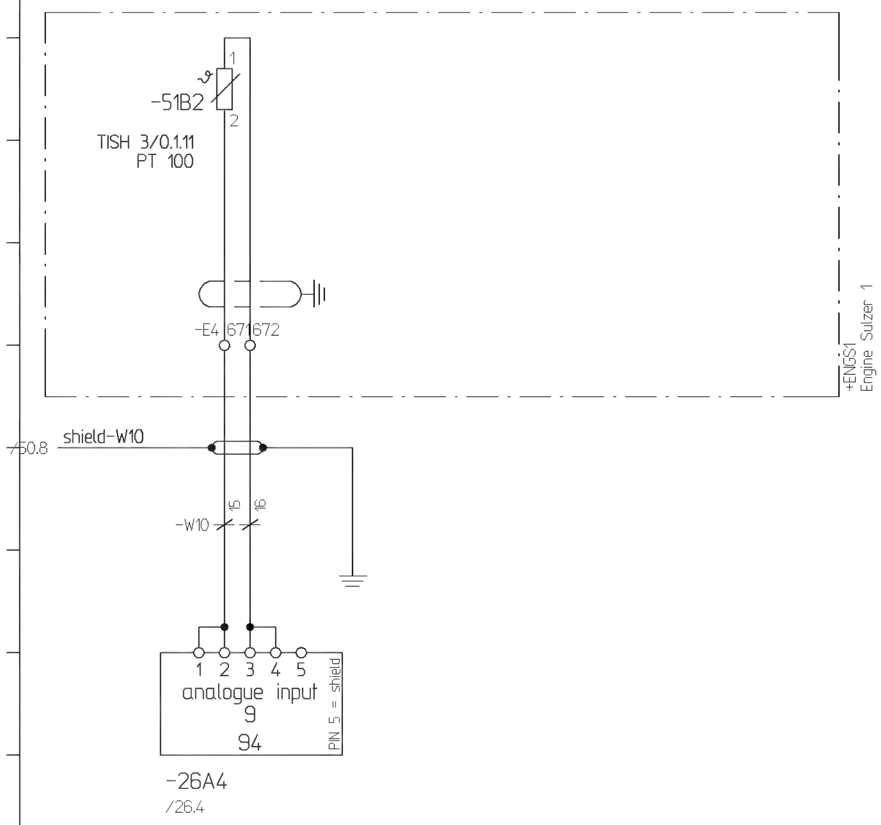
Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ersf. | KUHSE | Ersd. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 437300

=DPP
+ECPS1

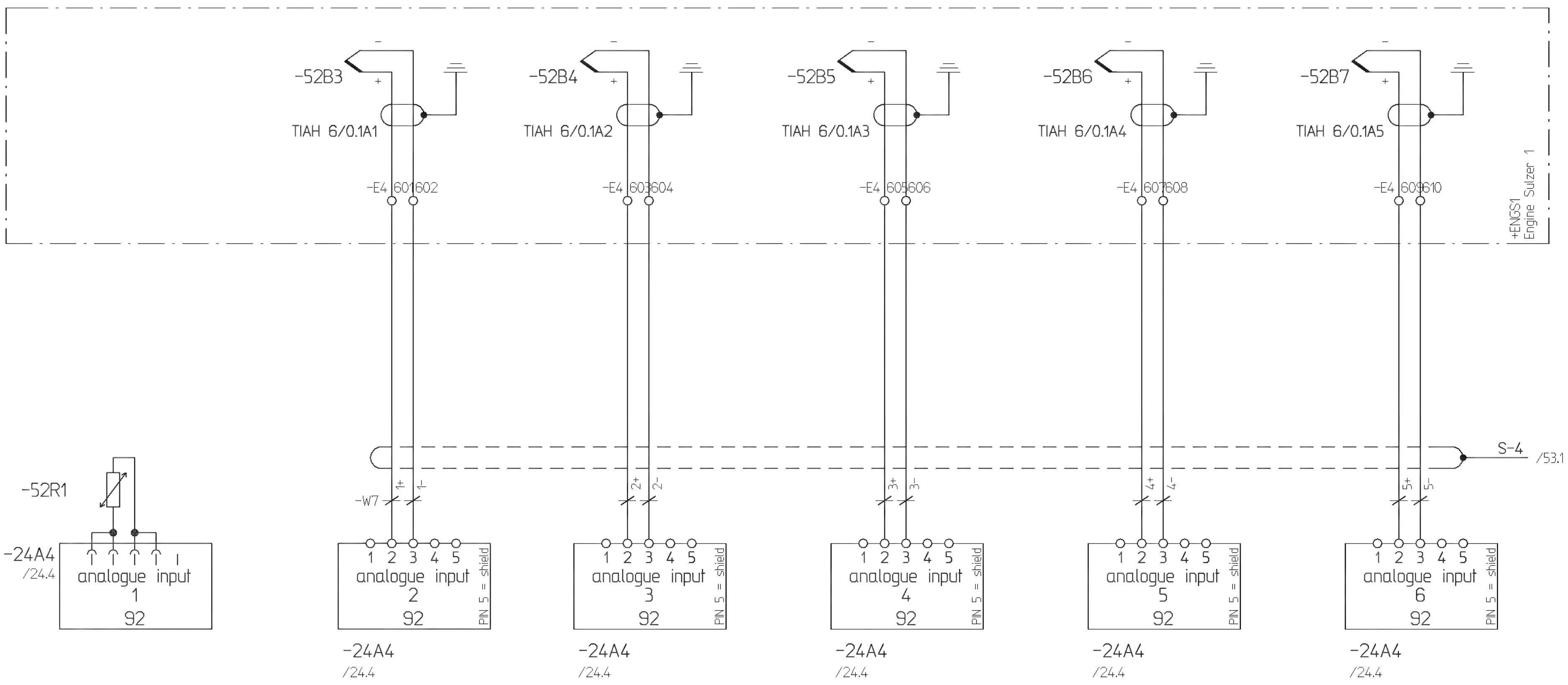


prealarm H+92°C
engine stop H+95°C
alarm gradient 2,5°C/sec.

axial bearing temp.
TISH 3/0.1.11 PT 100

Bildbeschreibung
IMAGE DESCRIPTION analogue measurement engine bearing

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501		=DPP +ECPS1
				Desig.	A. Stellmann						
				Check	A. Stellmann				43730	437300	page 51
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03				109 BL



prealarm H+500°C
load reduction H+530°C
prealarm MVD, +/-50°C
load reduction MVD +/-70°C

compar. meas.point NiCr-Ni
PT 100

exhaust temp. cyl. A1
TIAH 6/0.1A1 NiCr-Ni

exhaust temp. cyl. A2
TIAH 6/0.1A2 NiCr-Ni

exhaust temp. cyl. A3
TIAH 6/0.1A3 NiCr-Ni

exhaust temp. cyl. A4
TIAH 6/0.1A4 NiCr-Ni

exhaust temp. cyl. A5
TIAH 6/0.1A5 NiCr-Ni

Bildbeschreibung
IMAGE DESCRIPTION

analogue measurement engine exhaust

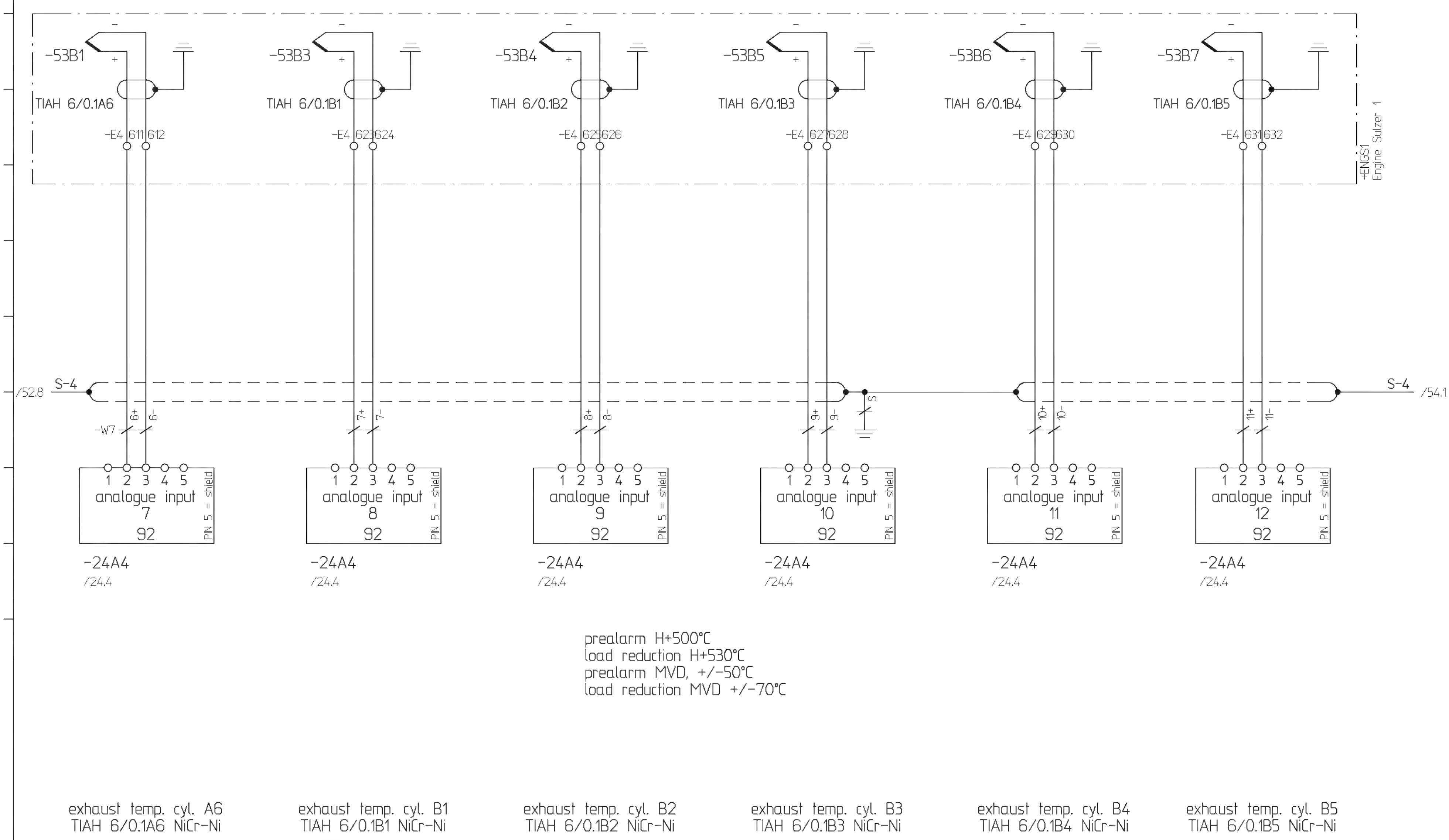
Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | KUHSE | Ers.d. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730
437300
=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

analogue measurement engine exhaust

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
				Check	A. Stellmann			Engine control panel Sulzer 1	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 53 / 109 BL

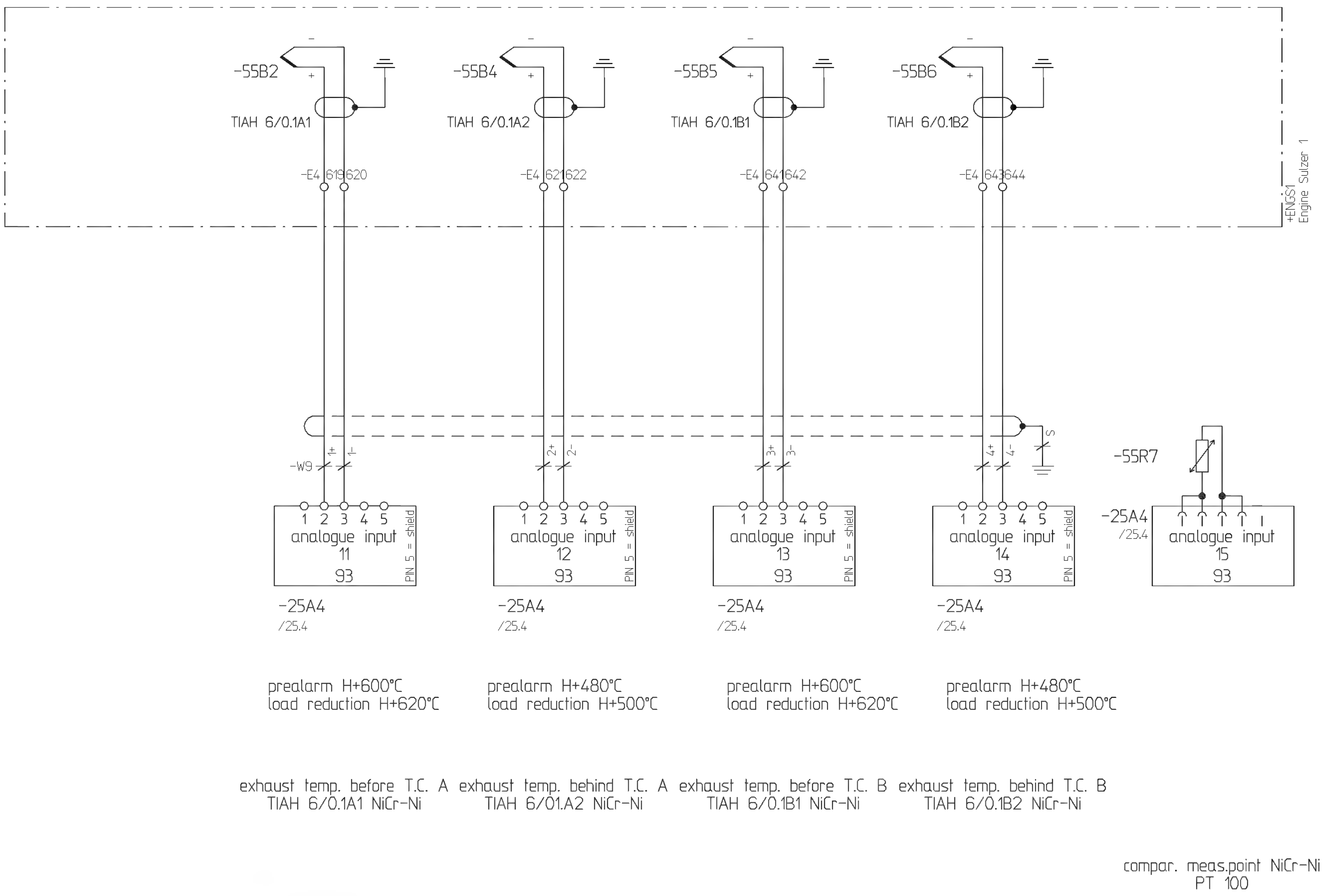


prealarm H+500°C
load reduction H+530°C
prealarm MVD, +/-50°C
load reduction MVD +/-70°C

exhaust temp. cyl. B6
TIAH 6/0.1B6 NiCr-Ni

Bildbeschreibung IMAGE DESCRIPTION: analogue measurement engine exhaust

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 54, 109 BL

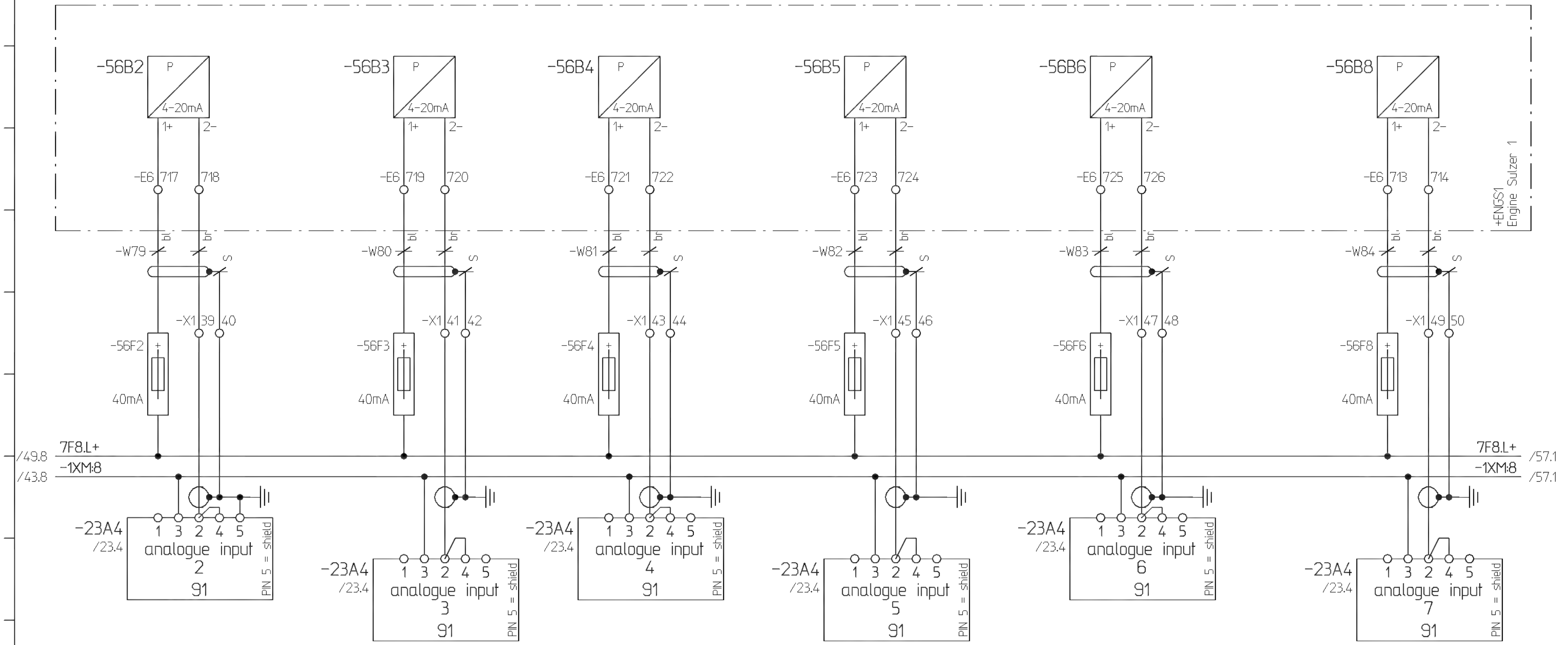


Bildbeschreibung
IMAGE DESCRIPTION

analogue measurement engine exhaust

Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
Check	A. Stellmann			Engine control panel Sulzer 1	43730	437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 55 / 109 BL

Index | changing | Date | name



Fuel oil press. inj.pump inlet A-8bar
33P11A 4-20mA = 0-16bar

Fuel nozzle cool.water press A-1,5bar, standby
18P11A 4-20mA = 0-6bar

lub.oil pressure A-4bar
27P11A 4-20mA = 0-10bar

Starting air pressure A-12bar
38P11A 4-20mA = 0-50bar

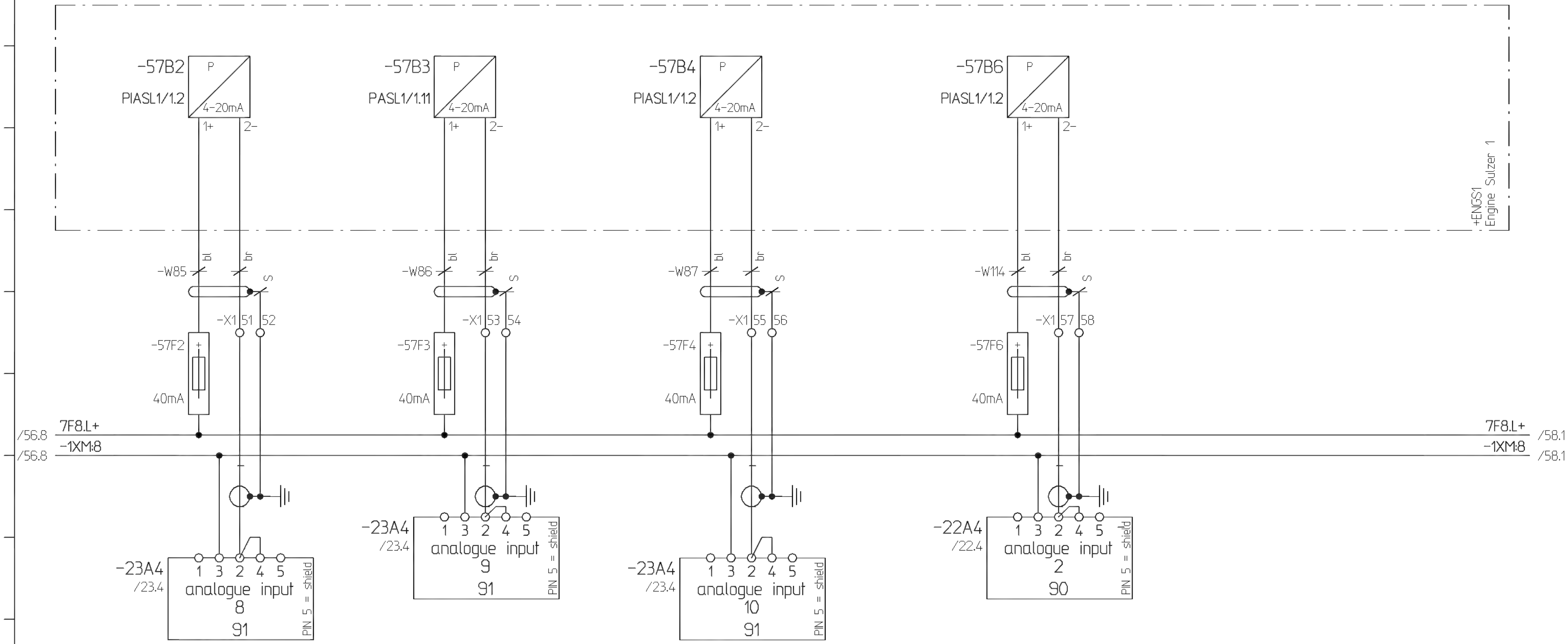
Press.control air safety system S-10bar
39P11A1 4-20mA = 0-50bar

Cyl.cool.water press A-4bar, red. 3,4bar
16P11A 4-20mA = 0-6bar

Bildbeschreibung
IMAGE DESCRIPTION

Analog sensors engine 4-20mA

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ersf.	Ersd. 11.09.03			page 56 / 109 BL



c.w.presse. beh. water pumps A-1,5bar Standby
4-20mA / 0-4bar

pos. control filling
4-20mA / 0-110%

c.w.press. beh. raw water pumps A-1,5bar standby
4-20mA / 0-4bar

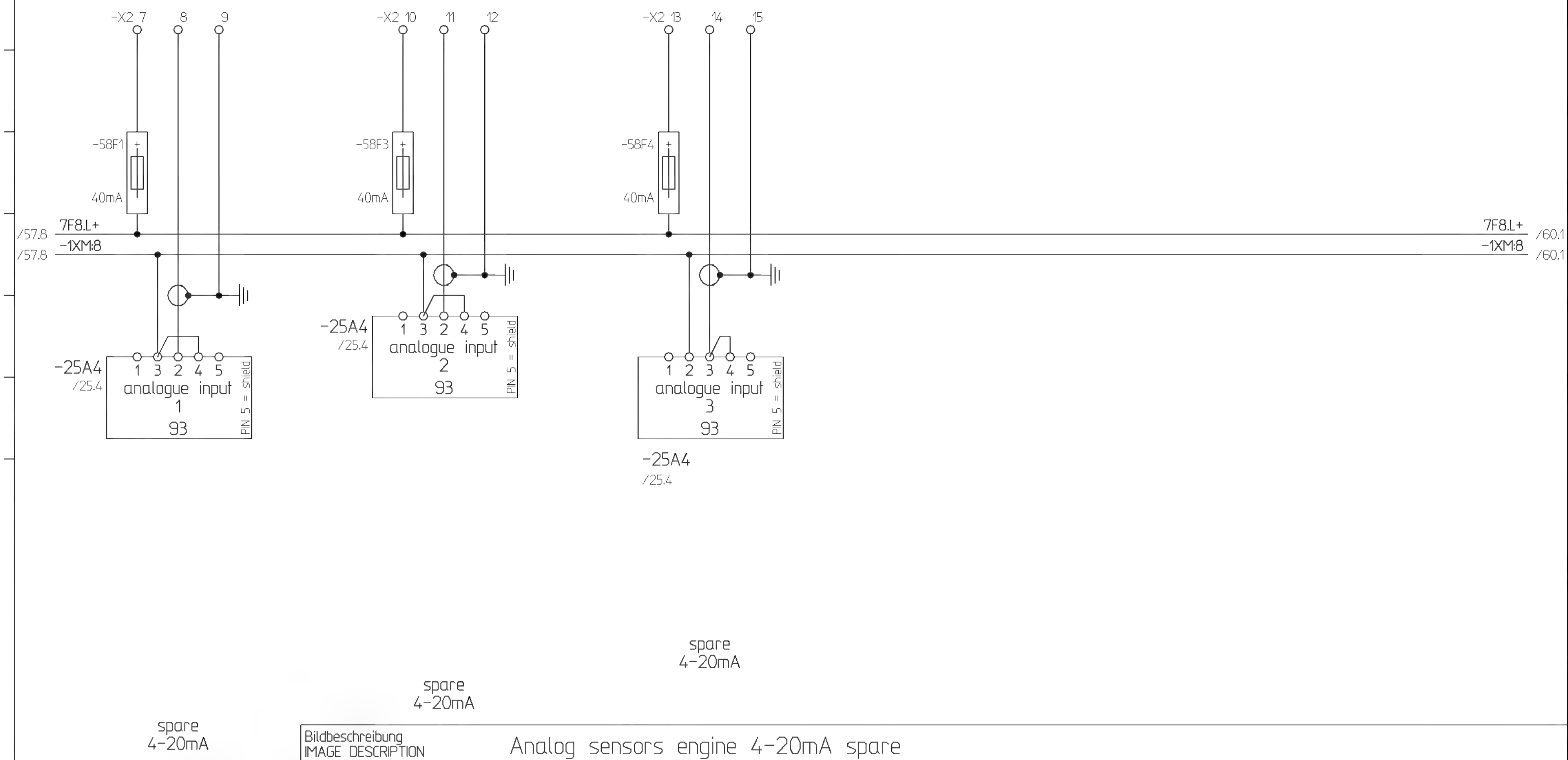
press. beh. HT-water pumps A-3bar Standby
4-20mA / 0-6bar

Bildbeschreibung
IMAGE DESCRIPTION

Analog sensors engine 4-20mA

Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
Check	A. Stellmann			Engine control panel Sulzer 1	43730 / 437300	page 57
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL

Index | changing | Date | name



Bildbeschreibung
IMAGE DESCRIPTION

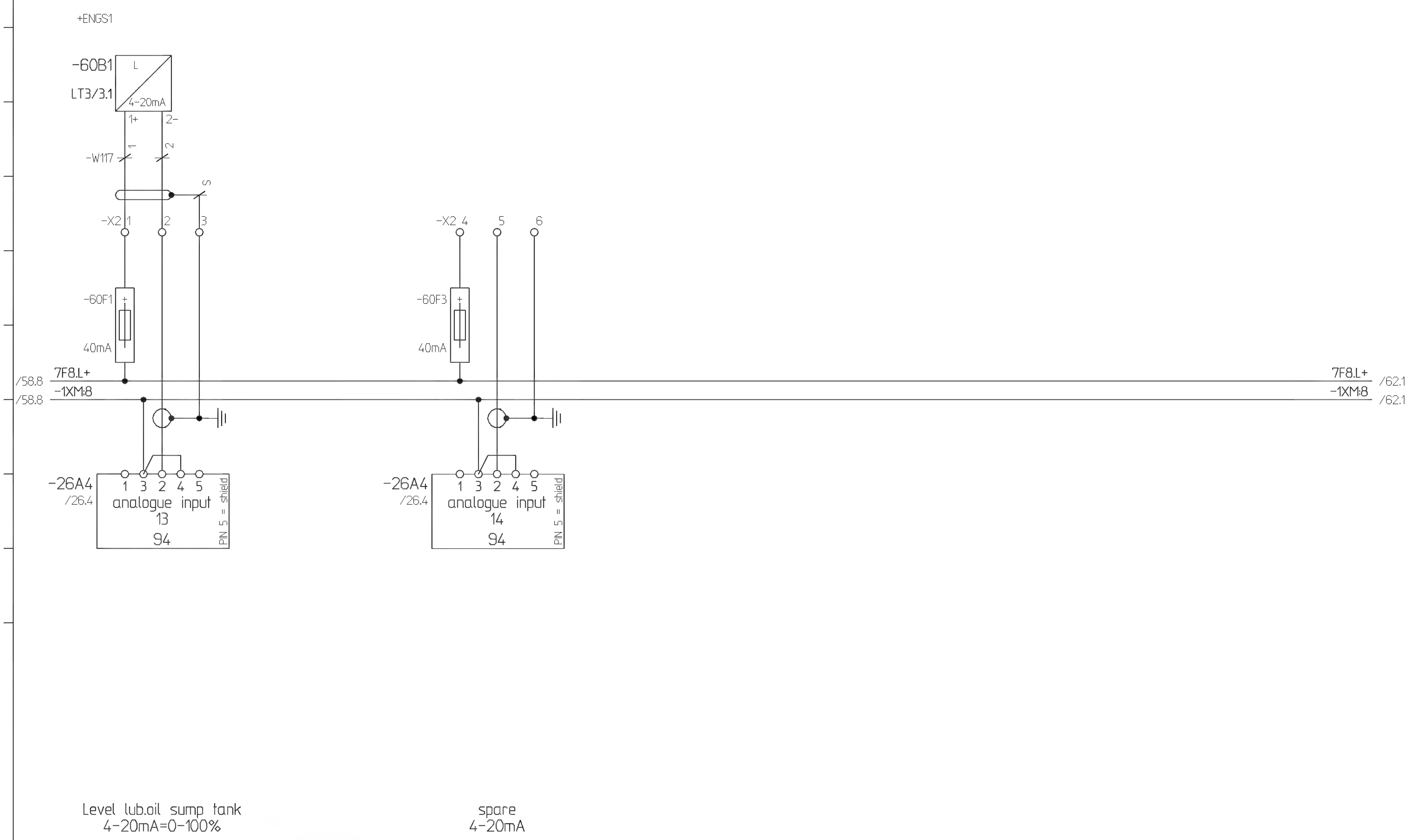
Analog sensors engine 4-20mA spare

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 58 / 109 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name						
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501
				Desig.	A. Stellmann				=DPP +ECPS1
				Check	A. Stellmann				43730 / 437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		page 59 / 109 BL



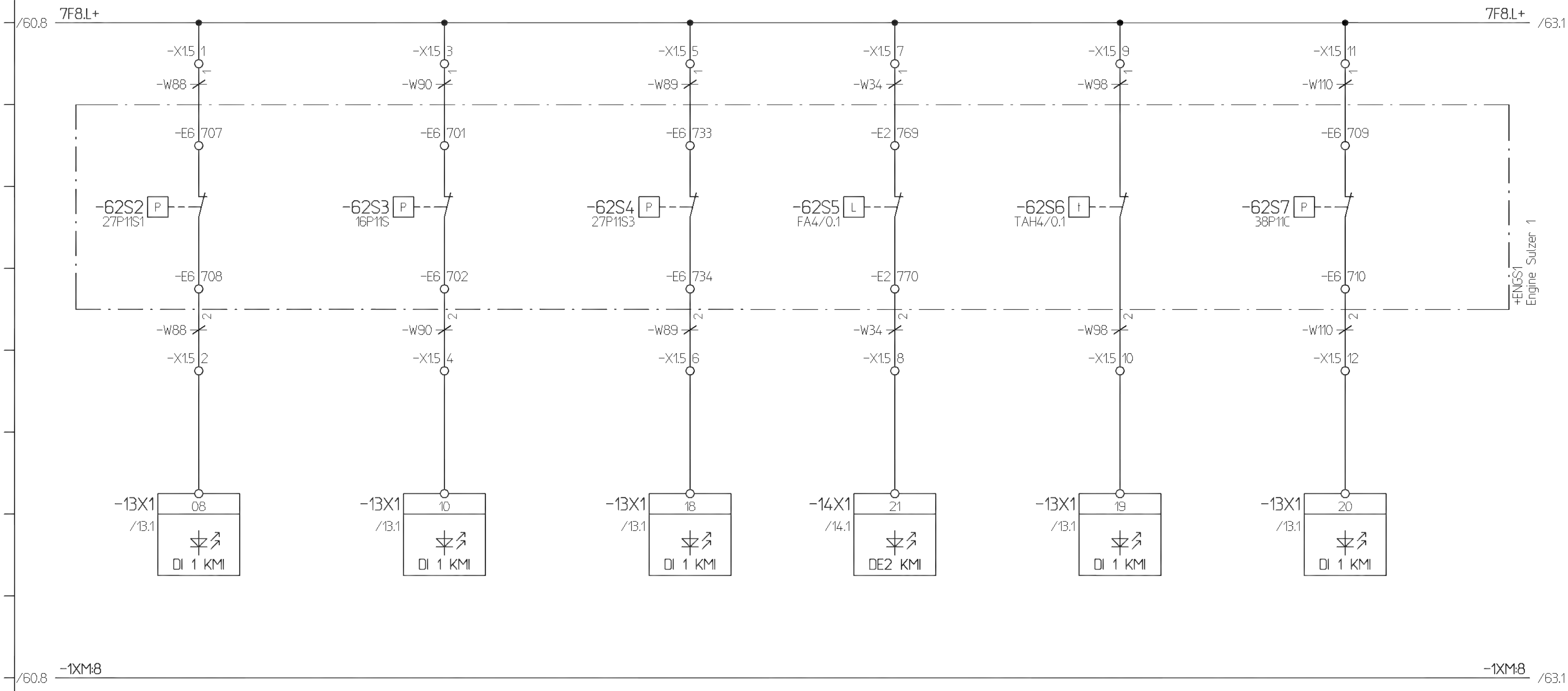
Bildbeschreibung IMAGE DESCRIPTION: analog values plant 4-20 mA

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					page 60
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name						
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501 / =DPP +ECPS1
				Desig.	A. Stellmann				
				Check	A. Stellmann				43730 / 437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		page 61 / 109 BL



Cyl.cooling water pressure low n.o. -S

fuel leackage -A

Starting air press.low

Engine lub. oil pressure low n.o.

Engine lub. oil pressure low -S

fuel oil temp. max. before inject.pumps -A

Bildbeschreibung IMAGE DESCRIPTION

Digital sensors engine

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ersd. 11.09.03

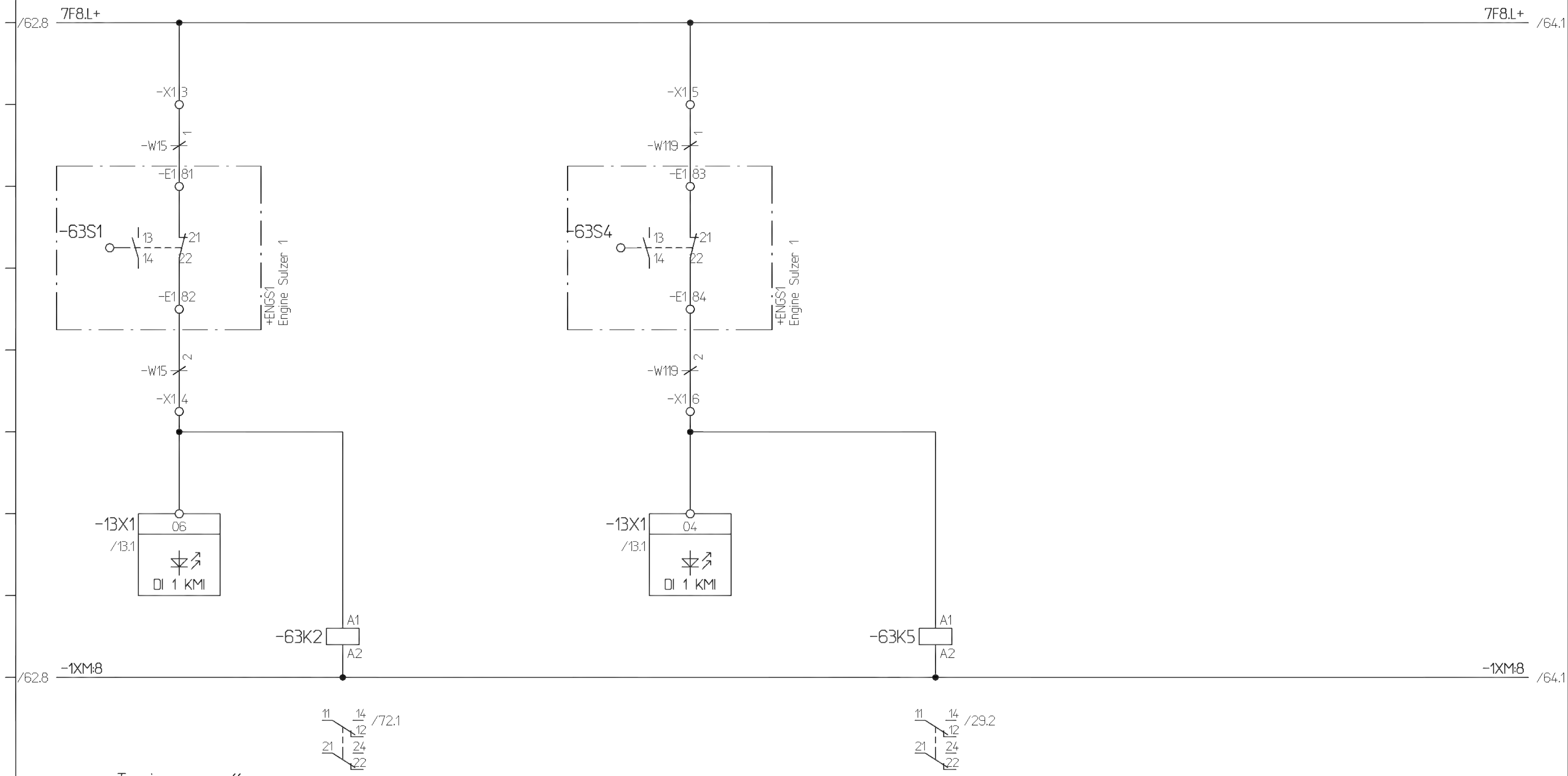
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1



Turning gear off

Turnig gear engaged

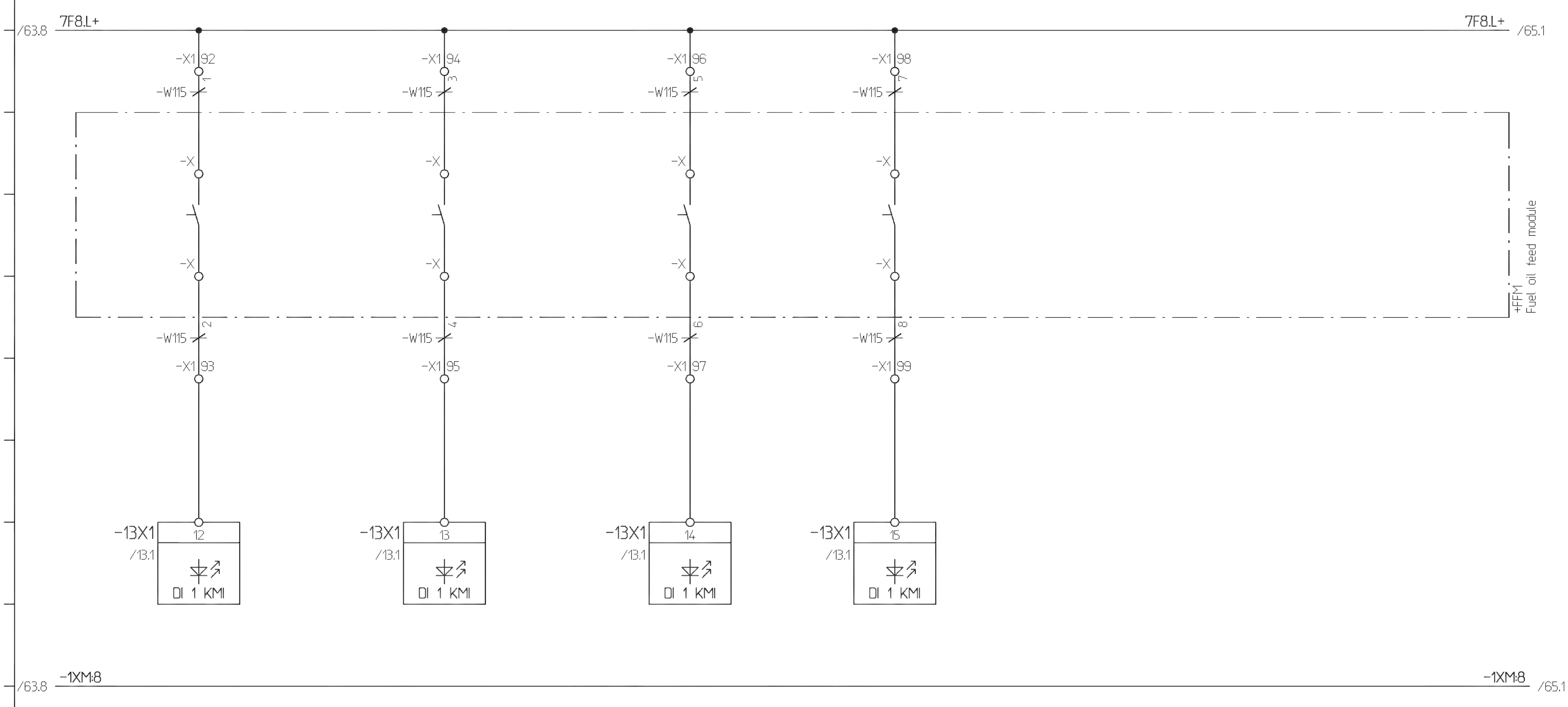
Limit switch shut down motor

Limit switch shut down motor

Bildbeschreibung
IMAGE DESCRIPTION

Digital sensors engine

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 63
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL



viscosity low -A-Red.

viscosity high -A

viscosity change over

viscosity controller fault

Bildbeschreibung IMAGE DESCRIPTION: Digital sensors engine/plant

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

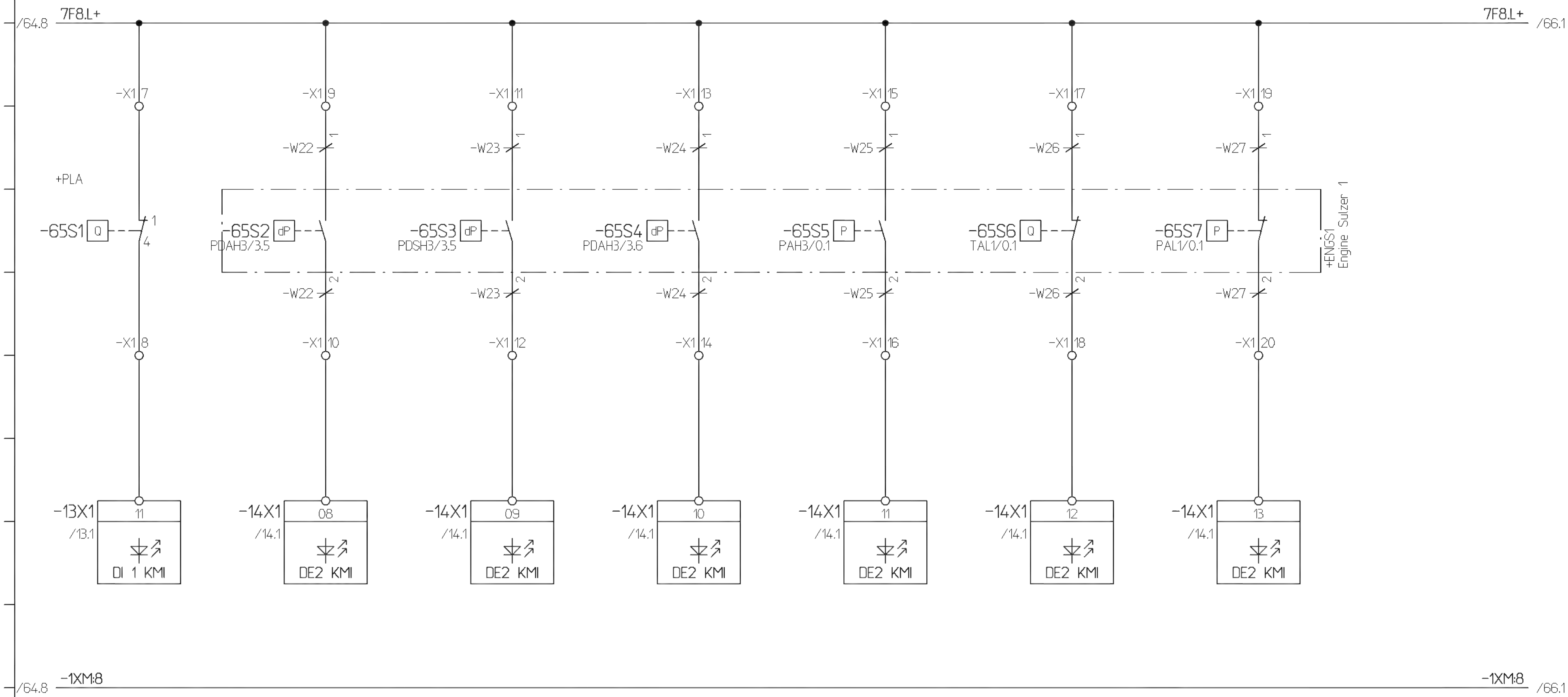
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1



spare

diff.press lub.oil autom.filter -A

diff.press lub.oil autom.filter -S

Diff.press. lub.oil indic.filter -A

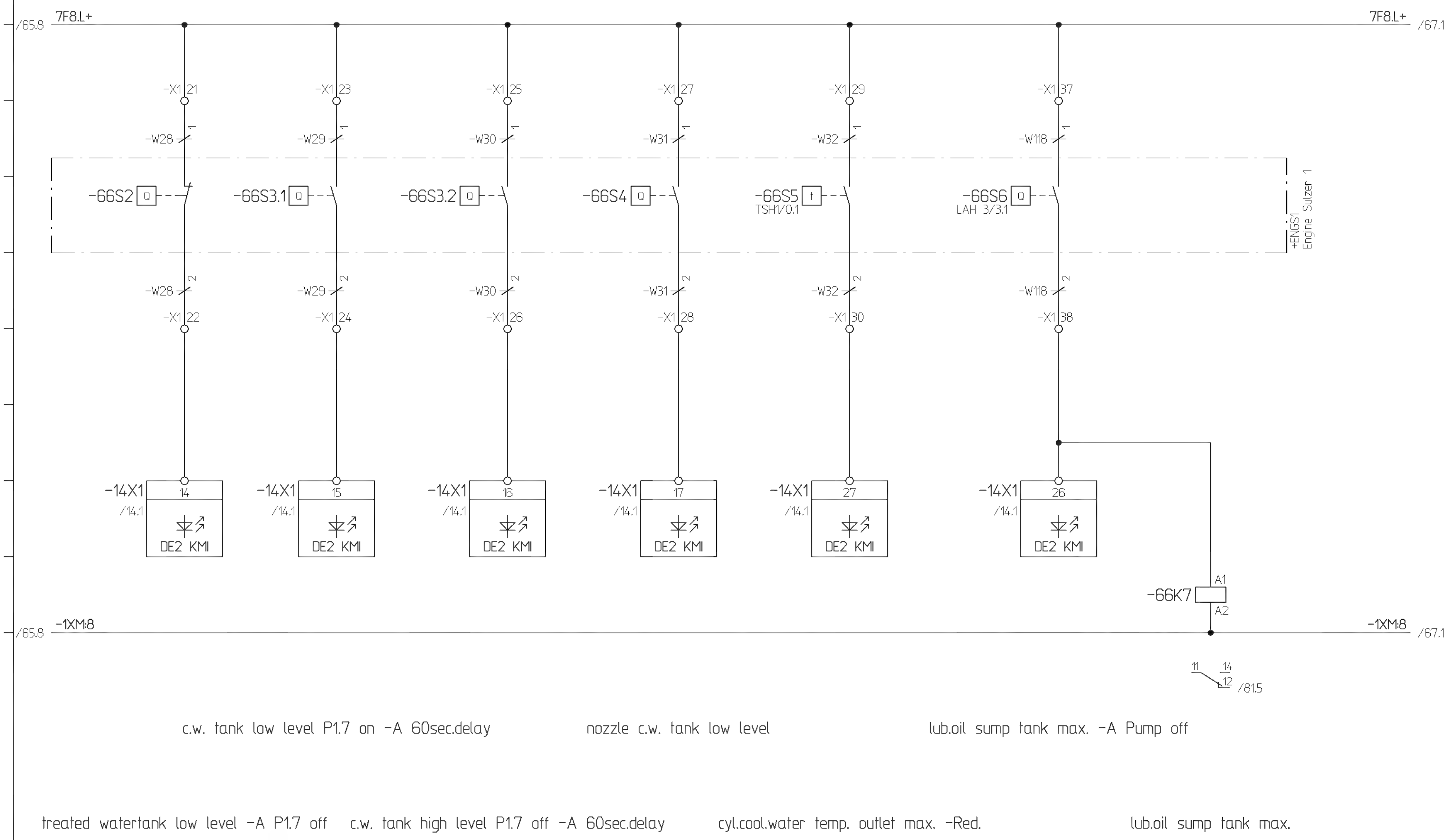
engine crankcase pressure max. -A

c.w.temp. beh. LT charge air cooler min. -A

c.water.press beh. LT charge air cooler min. -A

Bildbeschreibung IMAGE DESCRIPTION: Digital sensors engine/plant

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung IMAGE DESCRIPTION: Digital sensors engine/plant

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

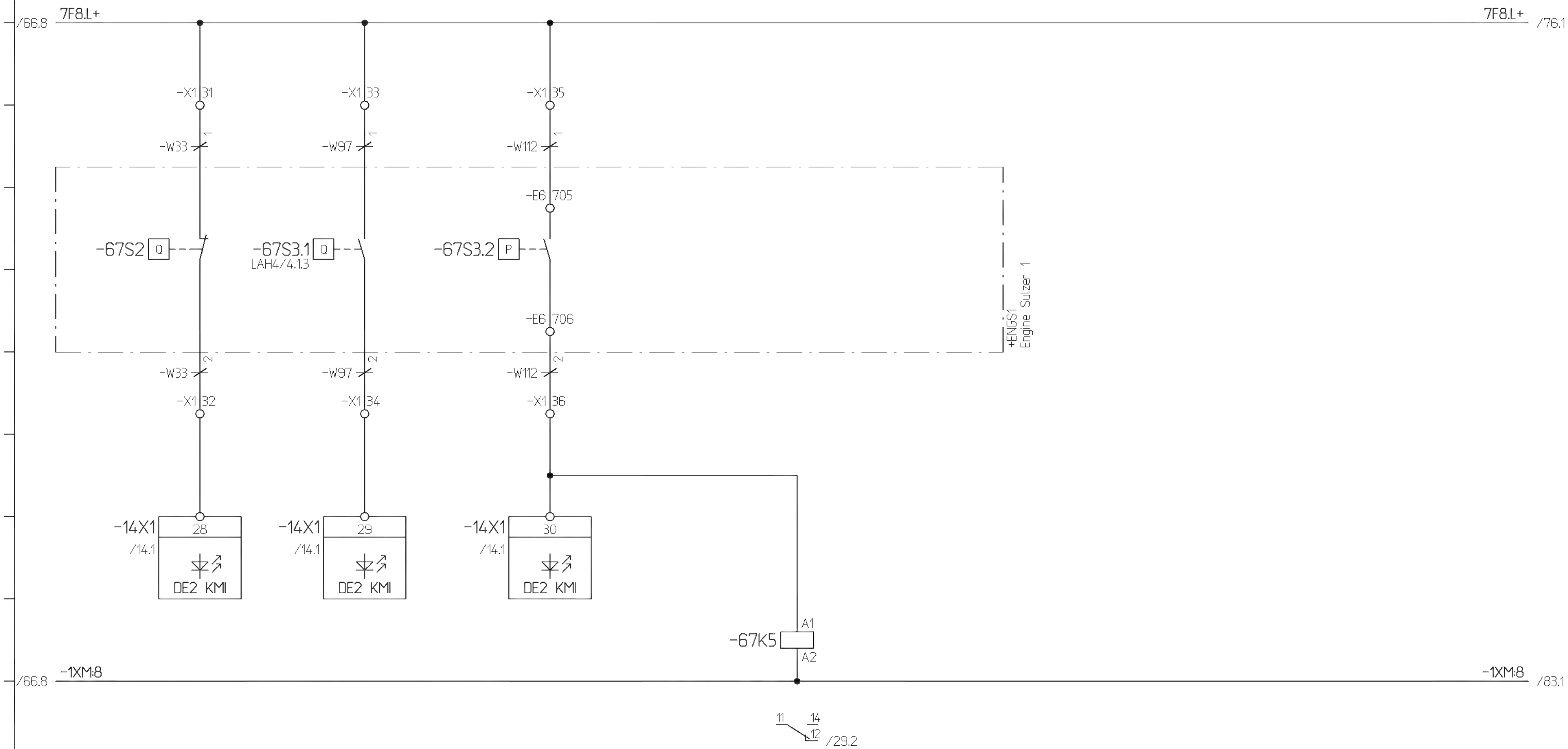
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1



fuel leckage tank max.

raw water tank cool.tower low -A pump off

Pneumatik stop activated

Pneumatic stop act.

Bildbeschreibung IMAGE DESCRIPTION	Digital sensors engine/plant

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300 page 67
Index	changing	Date	name	Norm	33	Orig. Ers.f.	Ers.d. 11.09.03			109 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

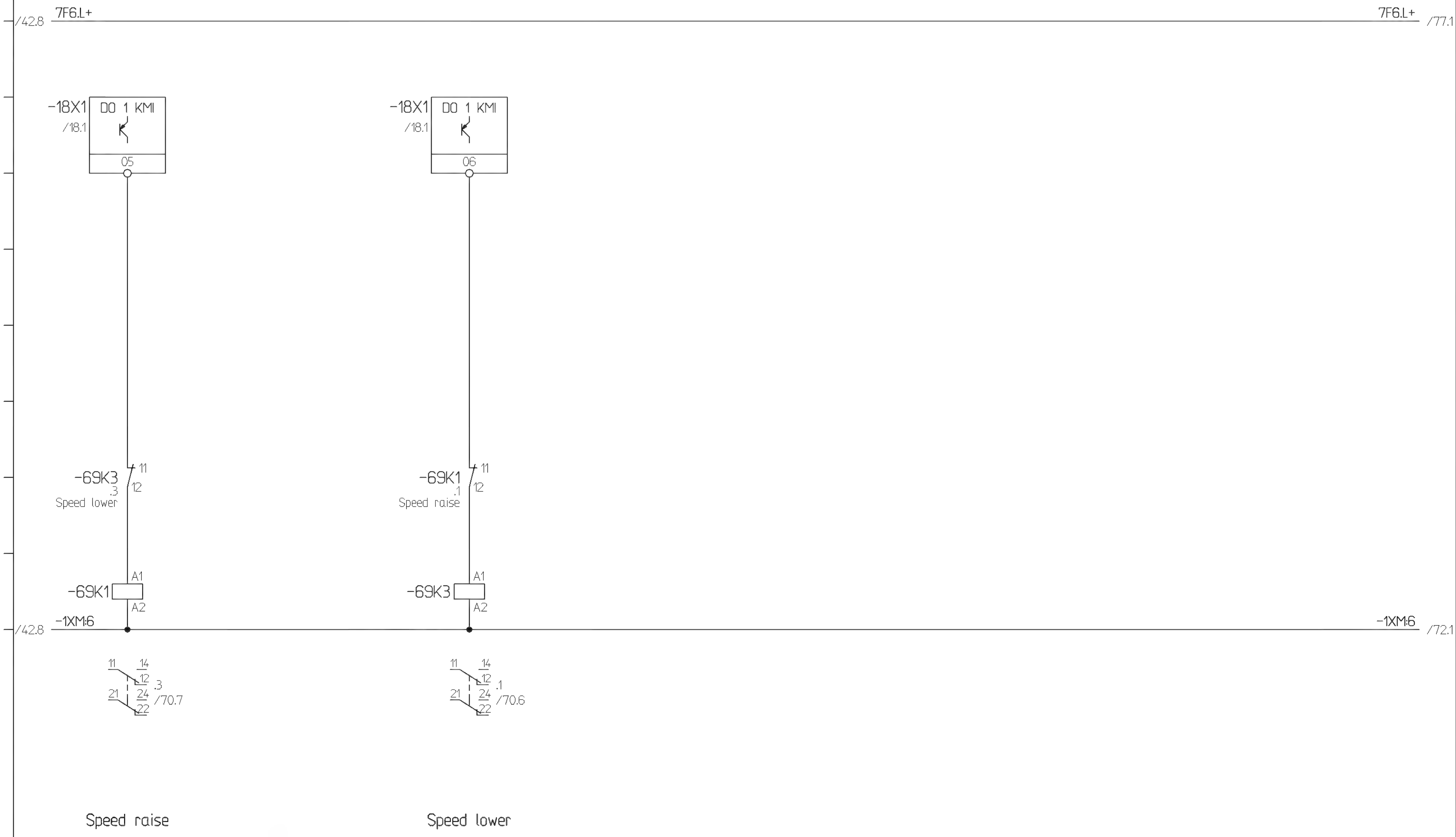
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

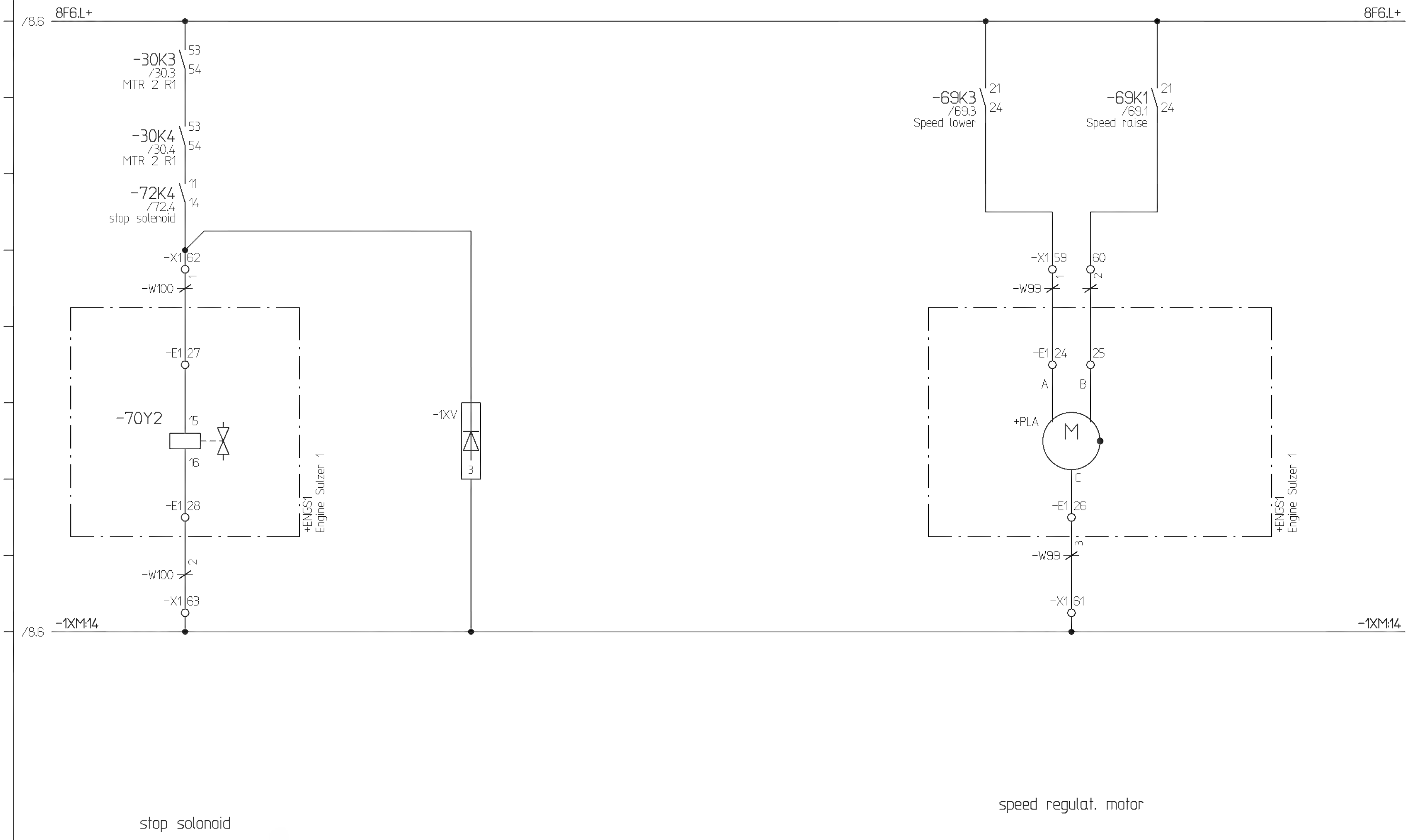
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION
speed control system

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung
IMAGE DESCRIPTION

speed regulat. motor

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

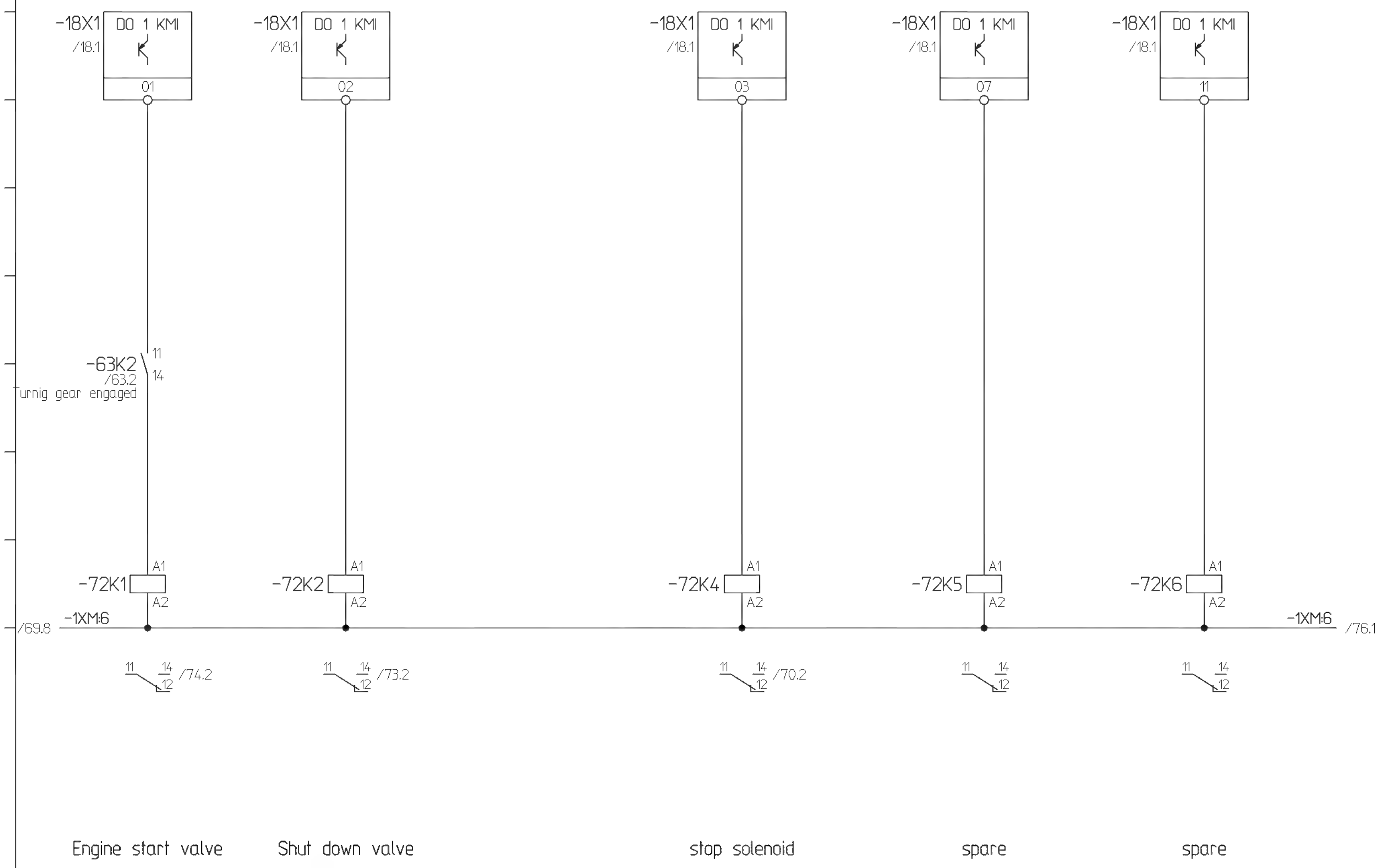
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

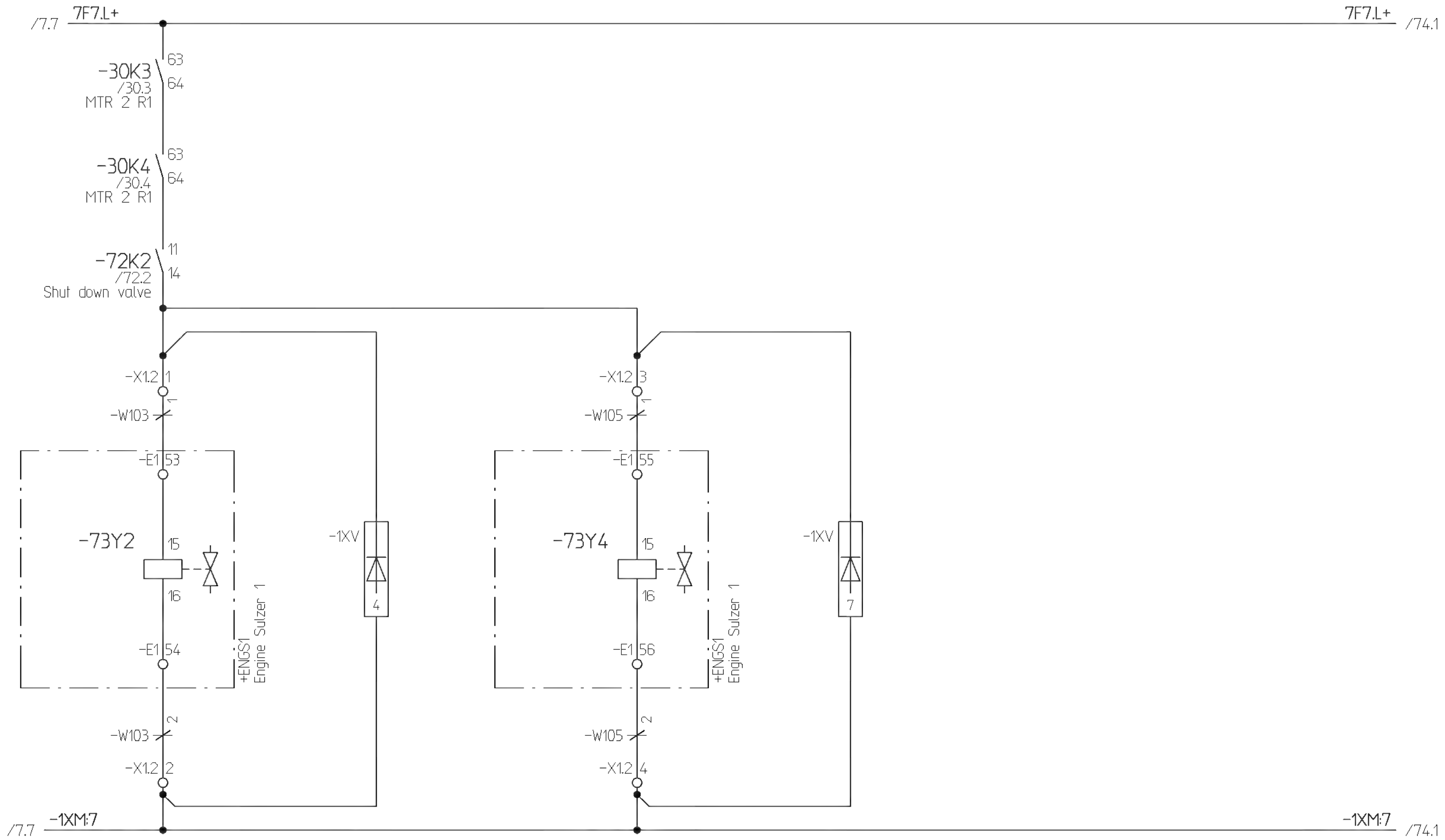
43730 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: control valves (start, stop)

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					page 72
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL

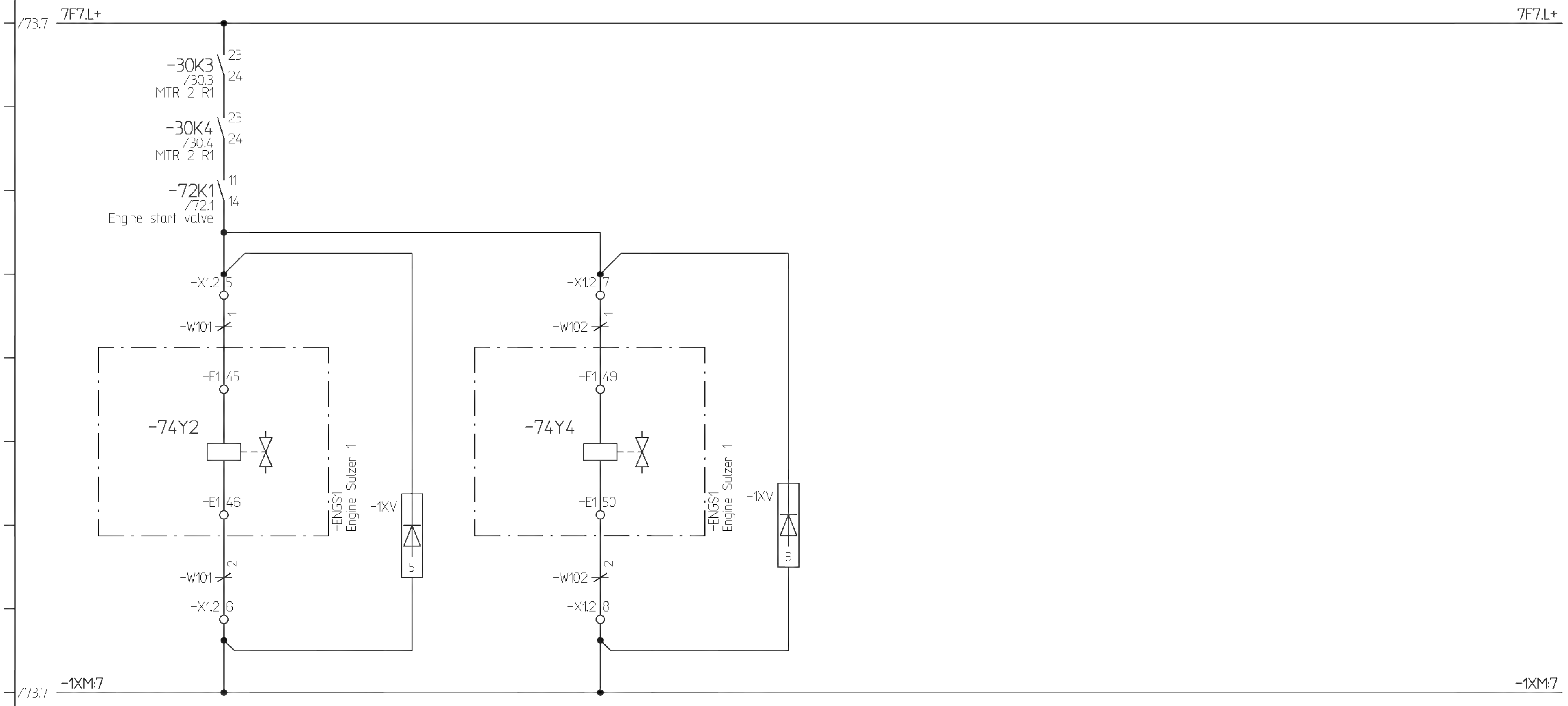


shut down valve 24VDC

shut down valve 24VDC

Bildbeschreibung IMAGE DESCRIPTION	Emergency stop valve (SV3)

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 73
				Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			109 BL



Engine start solenoid valve 24VDC

Engine start solenoid valve 24VDC

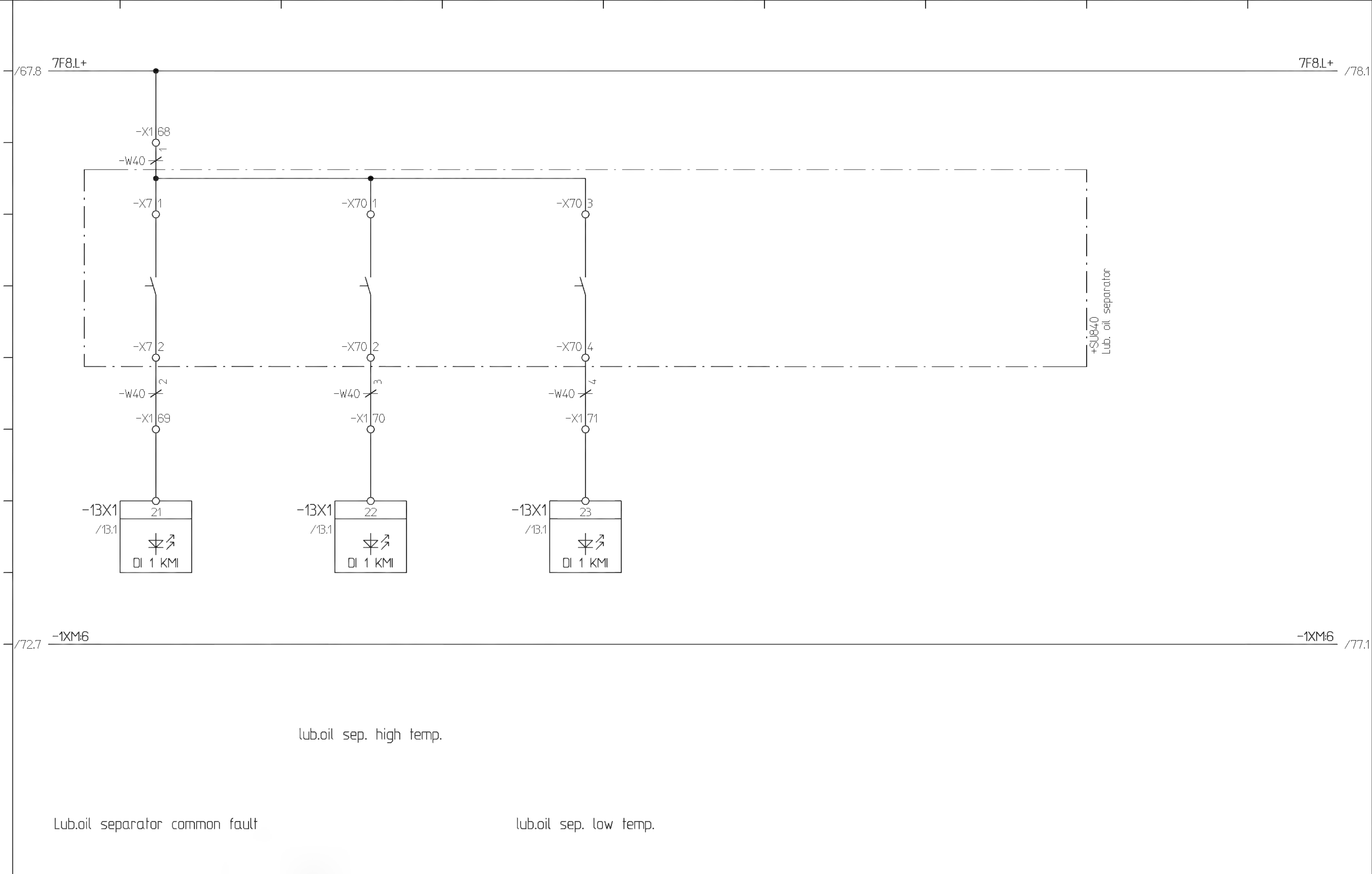
Bildbeschreibung
IMAGE DESCRIPTION
Start valve

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 74
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL

Bildbeschreibung
IMAGE DESCRIPTION

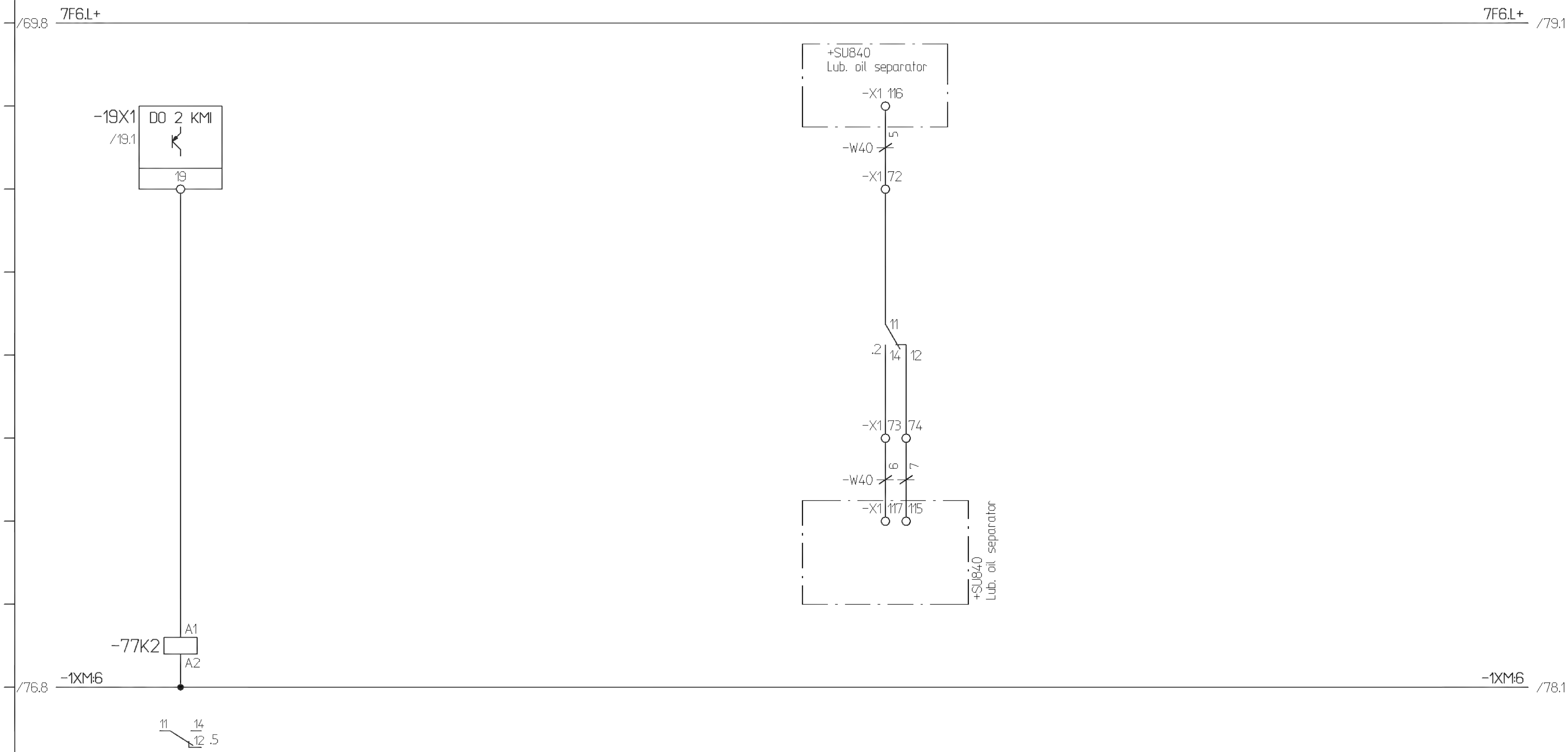
spare

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
				Check	A. Stellmann			Engine control panel Sulzer 1	43730 / 437300	page 75
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL



Bildbeschreibung IMAGE DESCRIPTION: Control lub.oil separator SU840

Index	changing	Date	name		
Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
Desig.	A. Stellmann					
Check	A. Stellmann				43730 / 437300	page 76
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL



release lub.oil separator feed pump

Bildbeschreibung
IMAGE DESCRIPTION

Control lub.oil separator SU840

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

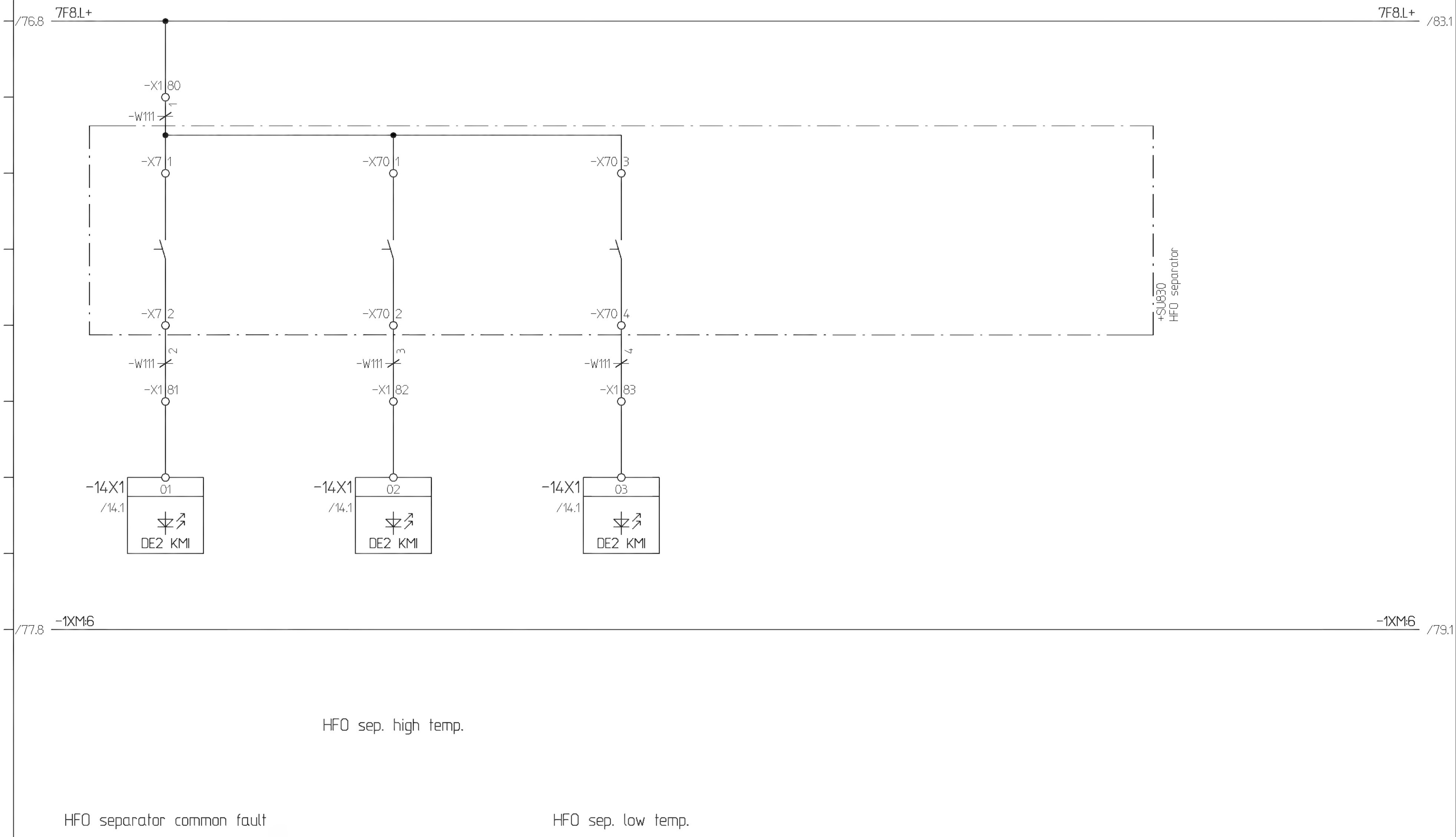
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

Control HFO separator SU830

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 11.09.03

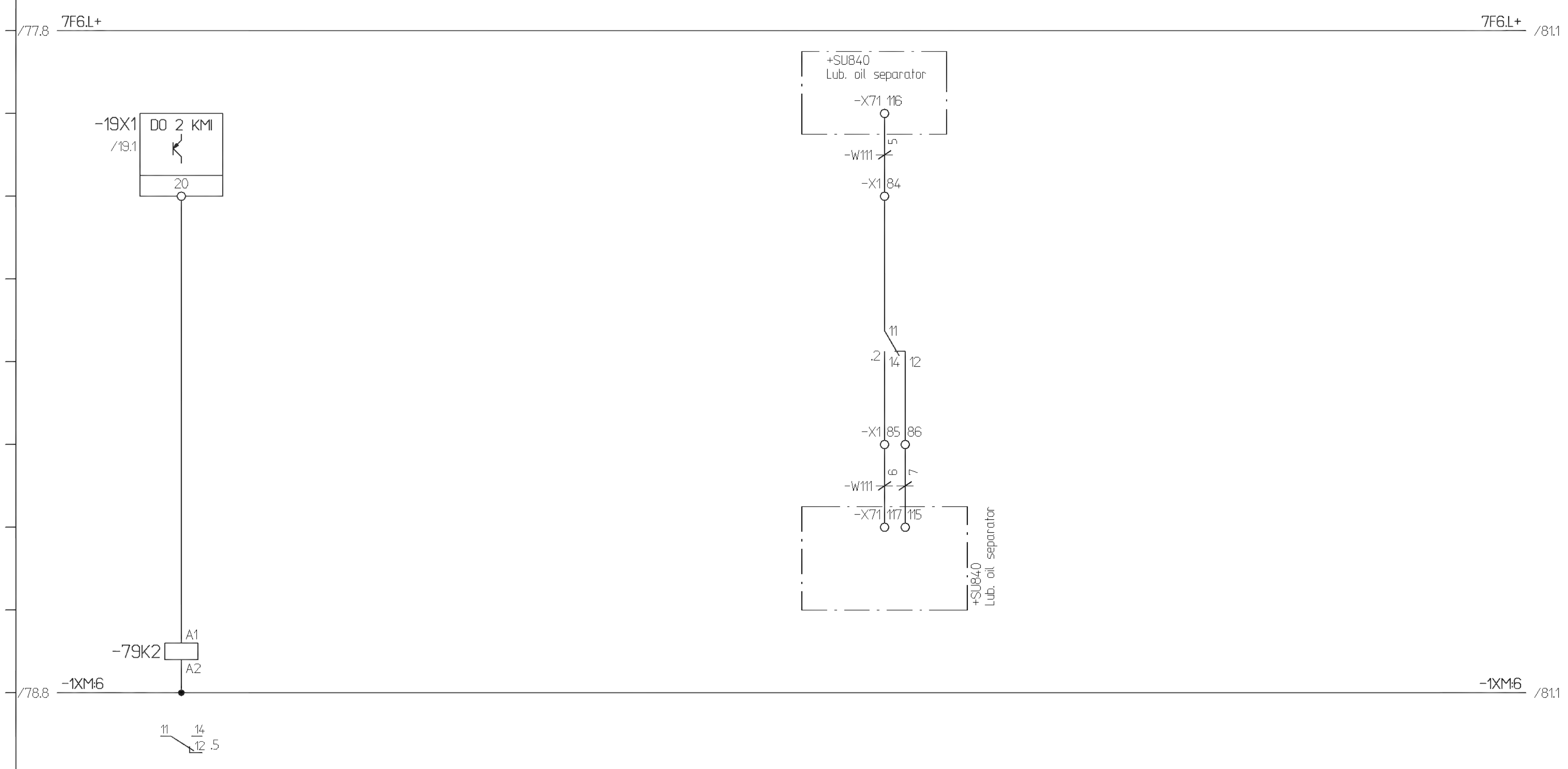
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1



release HFO separator feed pump

Bildbeschreibung
IMAGE DESCRIPTION

Control HFO separator SU830

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

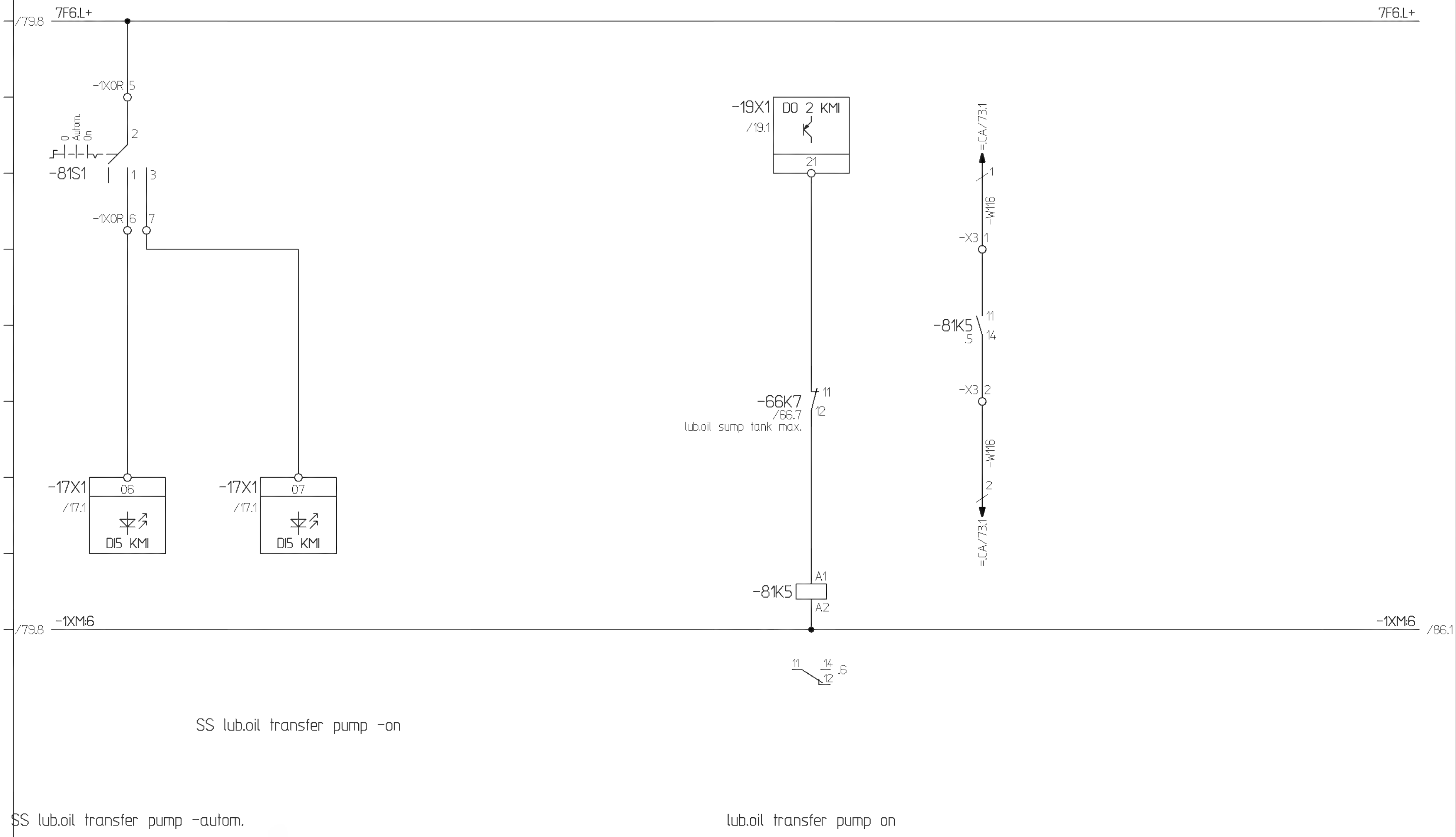
=DPP
+ECPS1

Bildbeschreibung
IMAGE DESCRIPTION

spare

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
Desig.	A. Stellmann					
Check	A. Stellmann				43730 437300	page 80 109 BL
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			

Index	changing	Date	name



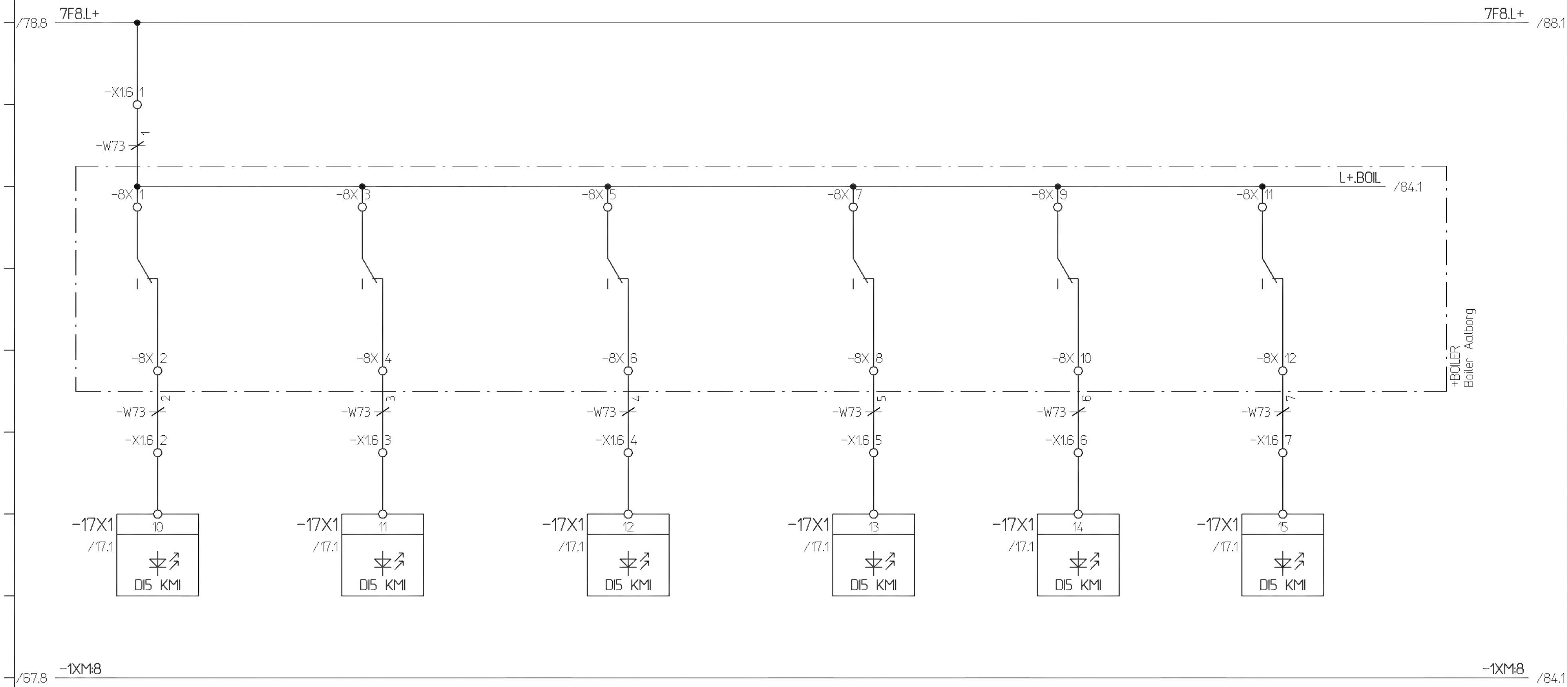
Bildbeschreibung
IMAGE DESCRIPTION

Control lub.oil transfer pump

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501		=DPP +ECPS1
				Desig.	A. Stellmann						
				Check	A. Stellmann				43730	437300	page 81
				Norm	33	Orig. / Ersf.	Ers.d. 11.09.03				109 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig.	Ers.f.	Ers.d. 11.09.03	page 82	109 BL
				Norm	33					



boiler steam drum level high | boiler steam drum level low | boiler steam drum level low.low | boiler steam drum press. high | boiler bypass open | boiler bypass closed

Bildbeschreibung IMAGE DESCRIPTION: Control boiler

Index	changing	Date	name	Date 08.07.03	Desig. A. Stellmann	Check A. Stellmann	Norm 33

Elektrim-MEGADEX
Monde Energy Philippines

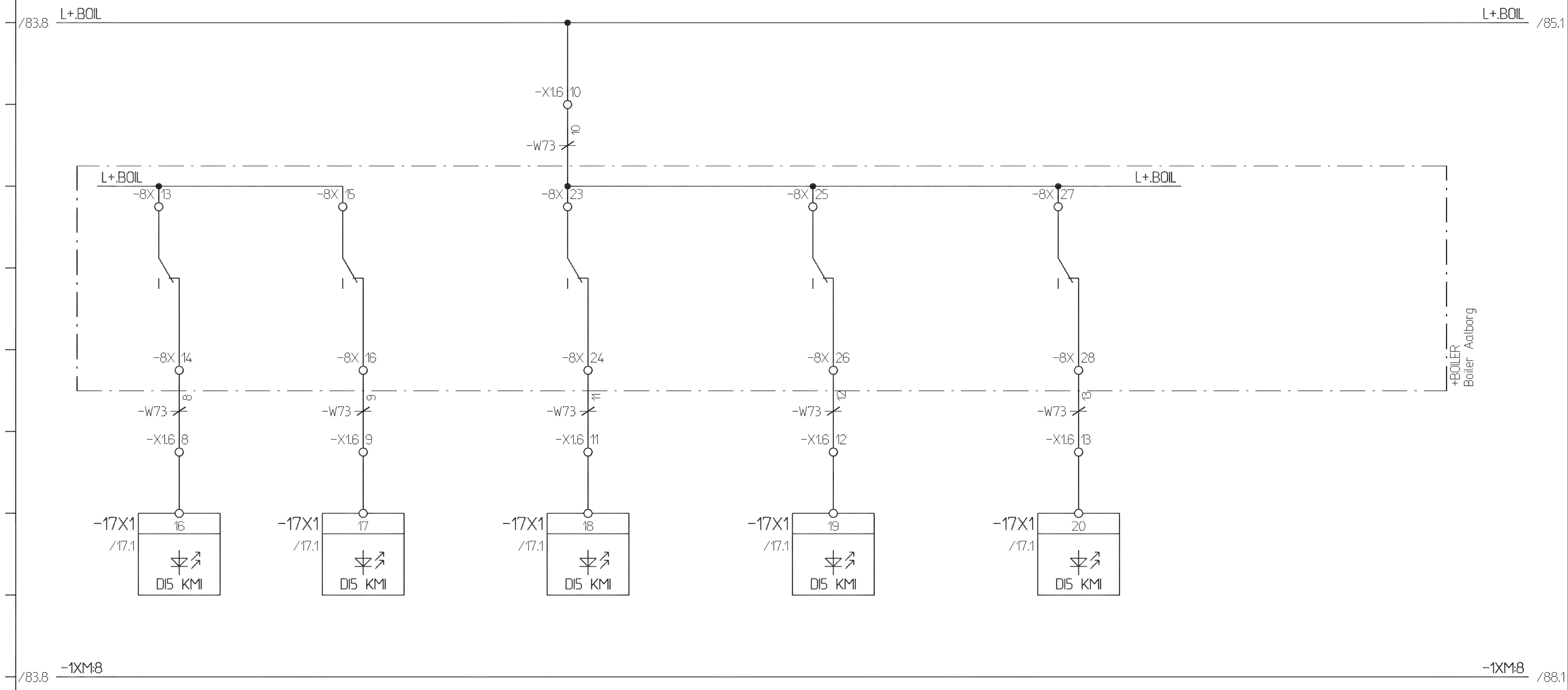
Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501 | 43730 | 437300

=DPP
+ECPS1



boiler bypass fault | boiler bypass in autom. | Boiler feed water pump 1 on | Boiler feed water pump 1 fault | Boiler feed water pump 2 on

Bildbeschreibung
IMAGE DESCRIPTION
Control boiler

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

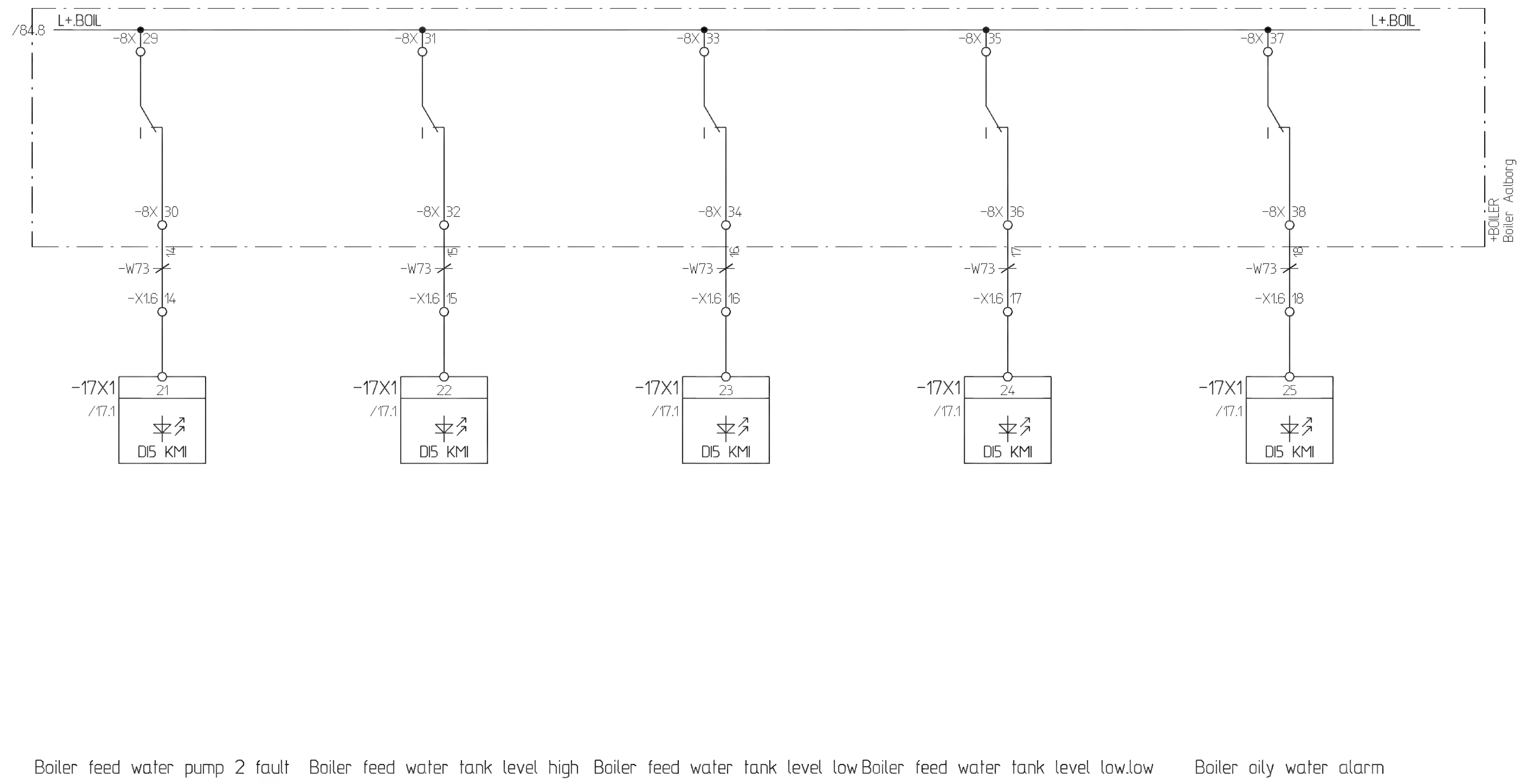
Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: Control boiler

Index	changing	Date	name	Norm	33
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann

Elektrim-MEGADEX
Monde Energy Philippines

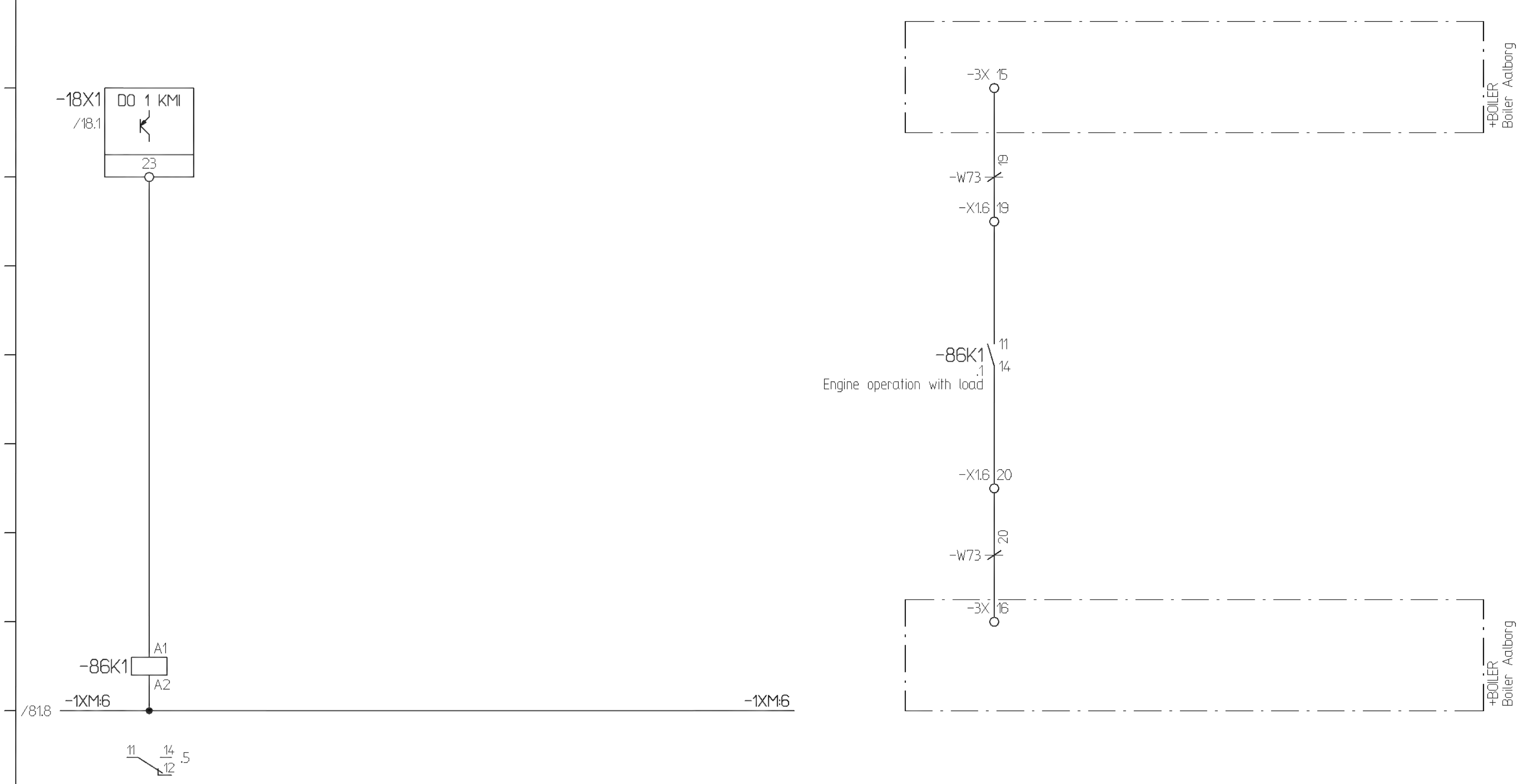
Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 | 437300

=DPP
+ECPS1



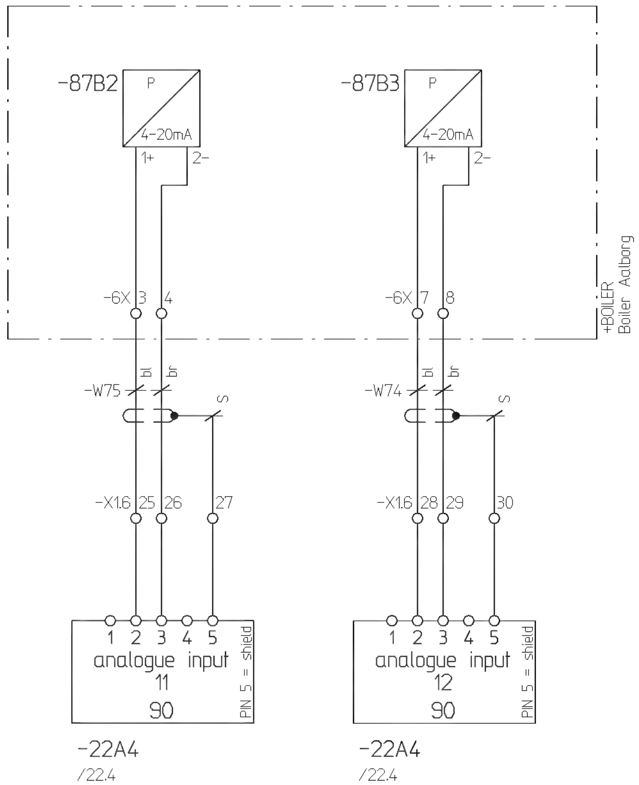
Engine operation with load

Engine operation with load

Bildbeschreibung
IMAGE DESCRIPTION

Control boiler

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann				43730 / 437300	page 86
				Check	A. Stellmann	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL
				Norm	33					



boiler steam pressure
4-20mA / 0-16bar

boiler position bypass
4-20mA / 0-90°

Bildbeschreibung
IMAGE DESCRIPTION

Control boiler

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

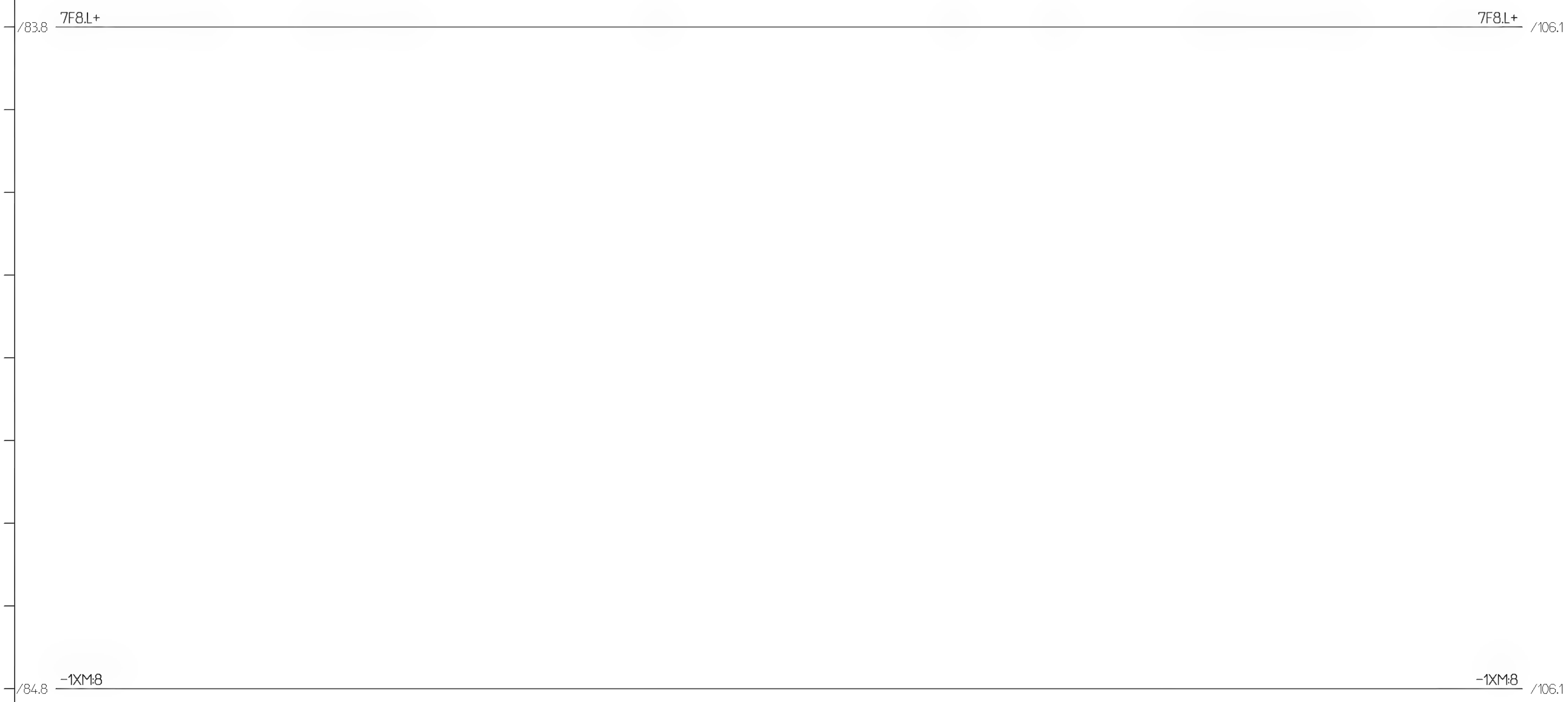
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

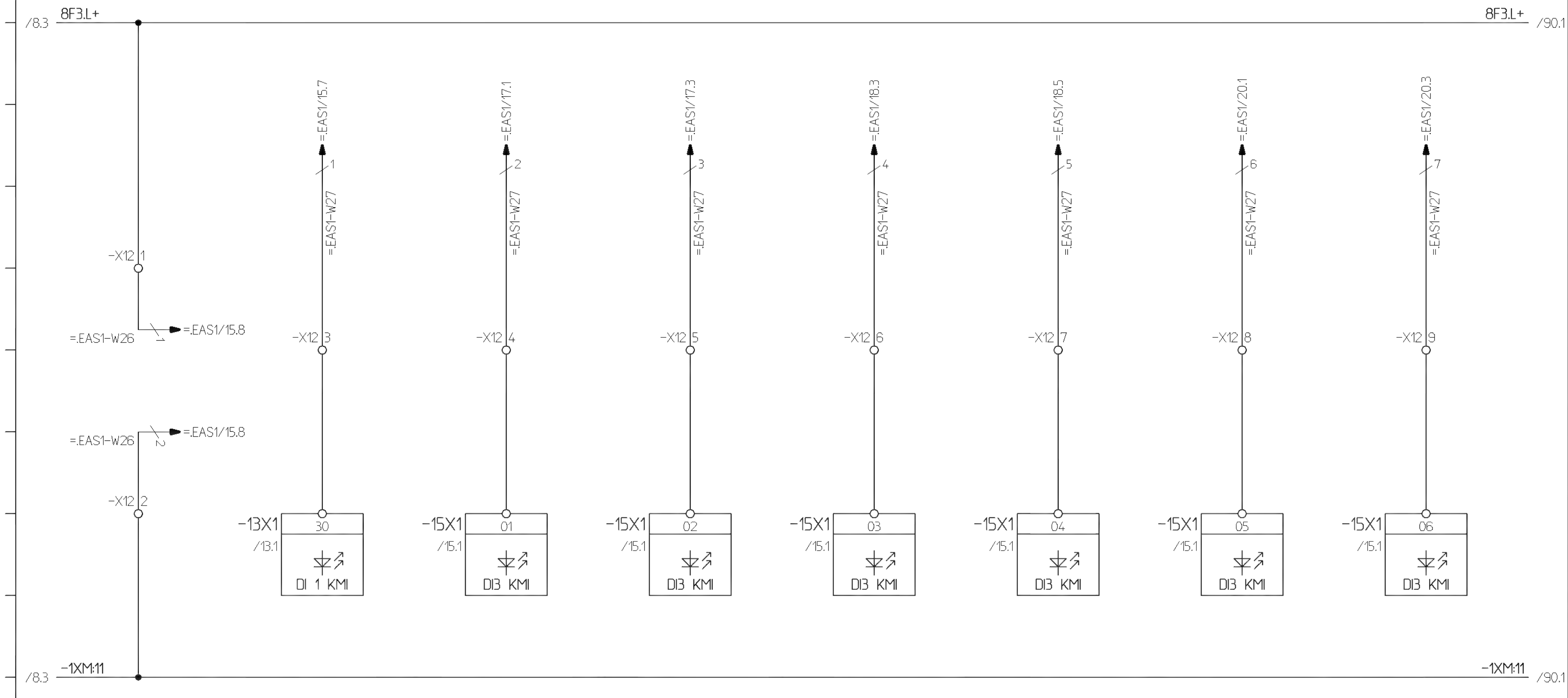
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION
Spare

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann					
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 88 / 109 BL



Power supply dig. inputs +EAS1

busbar voltage +EAS1 fault (n.c.)

SS main lub.oil pump 1 -autom.

SS main lub.oil pump 1 -on

main lub.oil pump 1 fault

main lub.oil pump 1 running

SS main lub.oil pump 2 -autom.

SS main lub.oil pump 2 -on

Bildbeschreibung IMAGE DESCRIPTION: Control engine auxiliaries +EAS1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

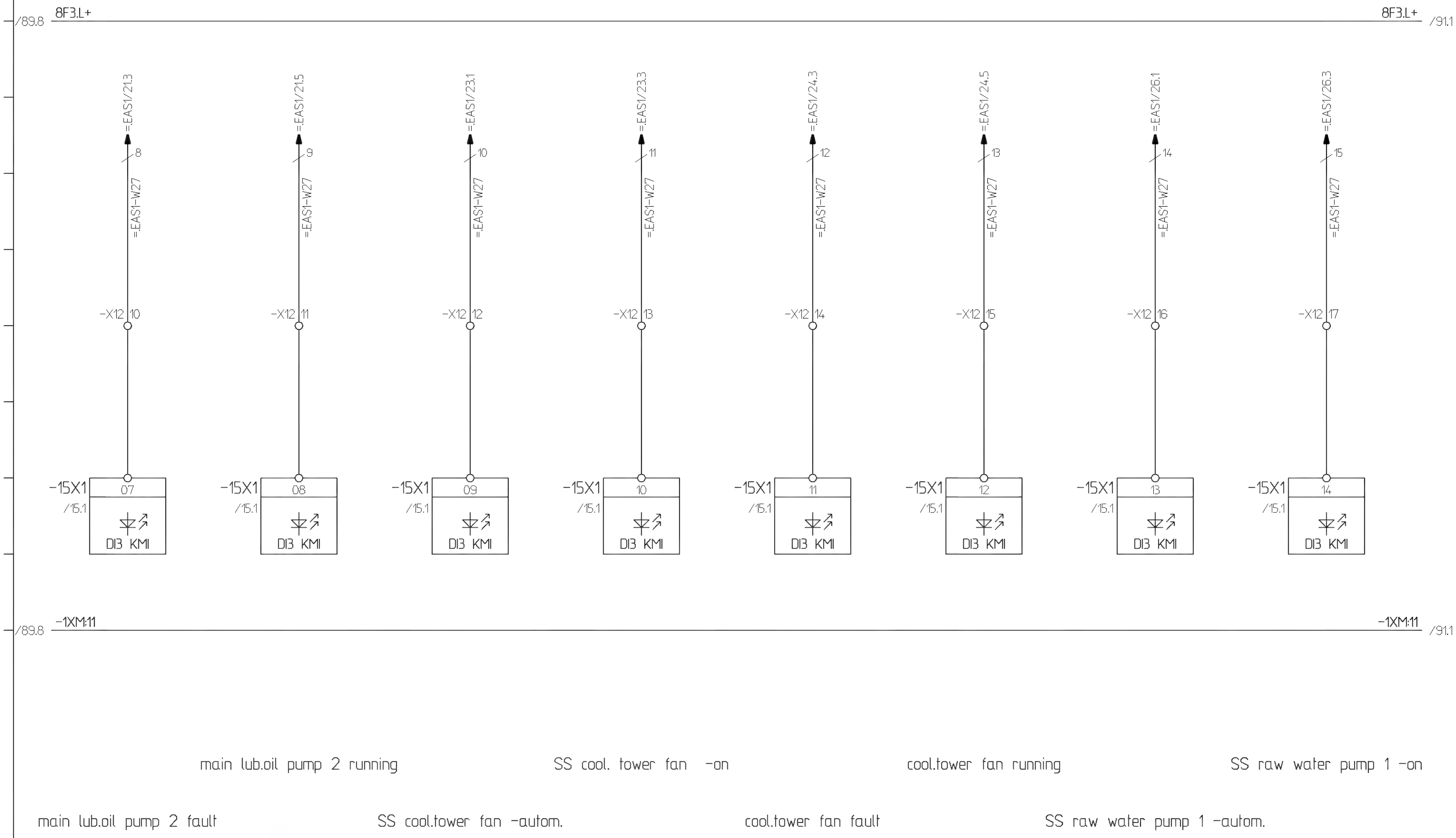
Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501 | 43730 | 437300

=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

Control engine auxiliaries +EAS1

Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ers.d.	11.09.03

Date	08.07.03
Desig.	A. Stellmann
Check	A. Stellmann

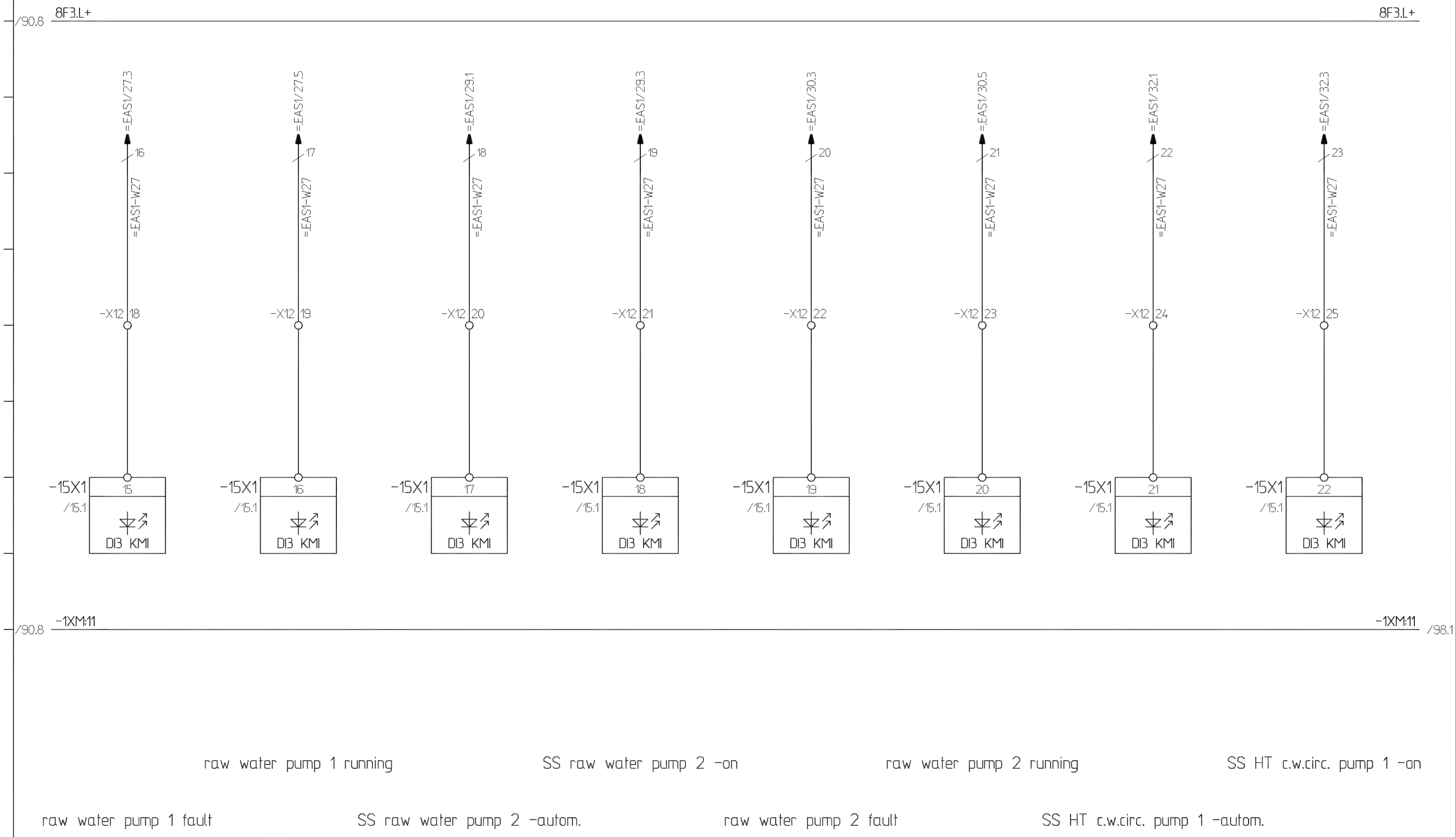
Elektrim-MEGADEX
Monde Energy Philippines

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: Control engine auxiliaries +EAS1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

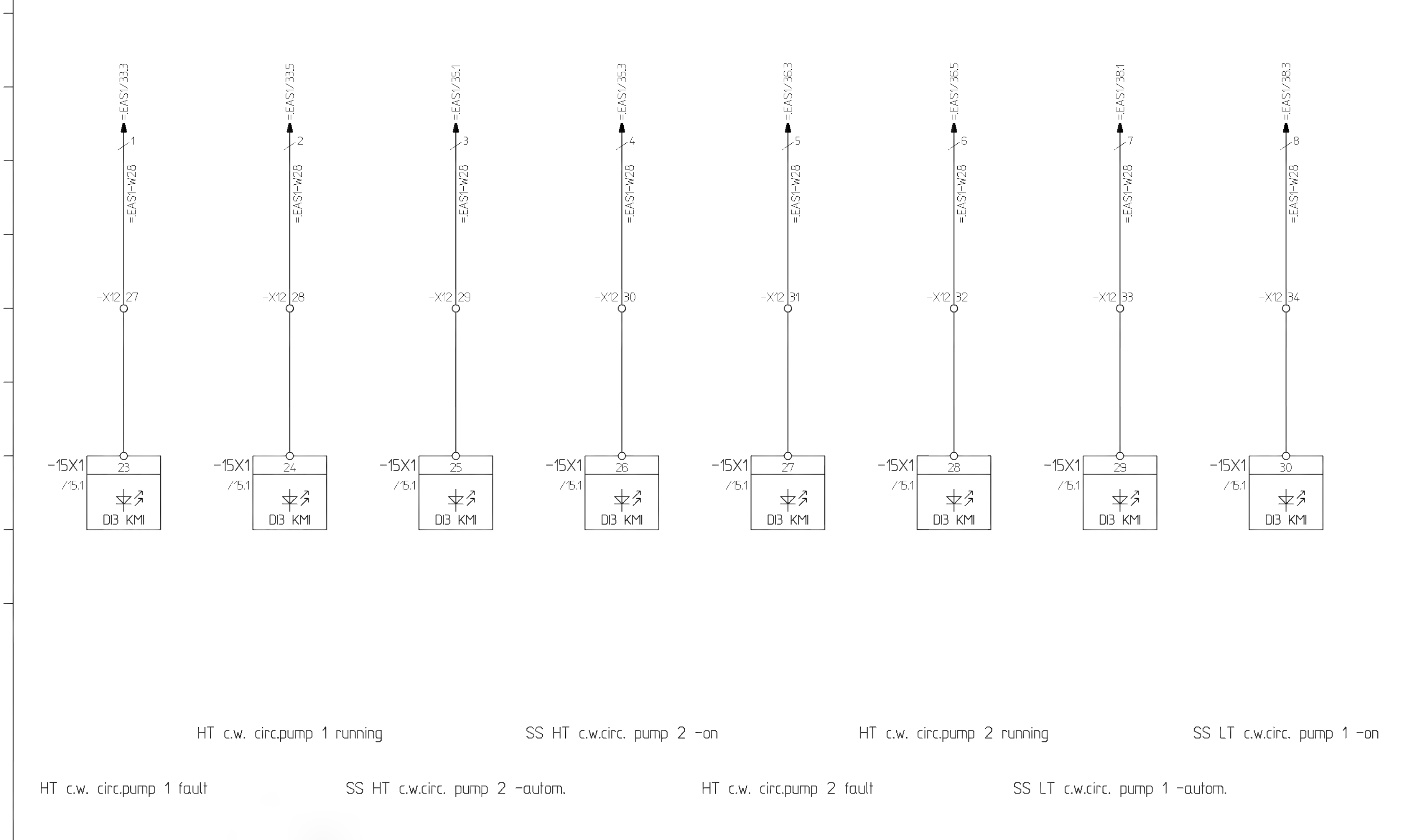
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: Control engine auxiliaries +EAS1

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

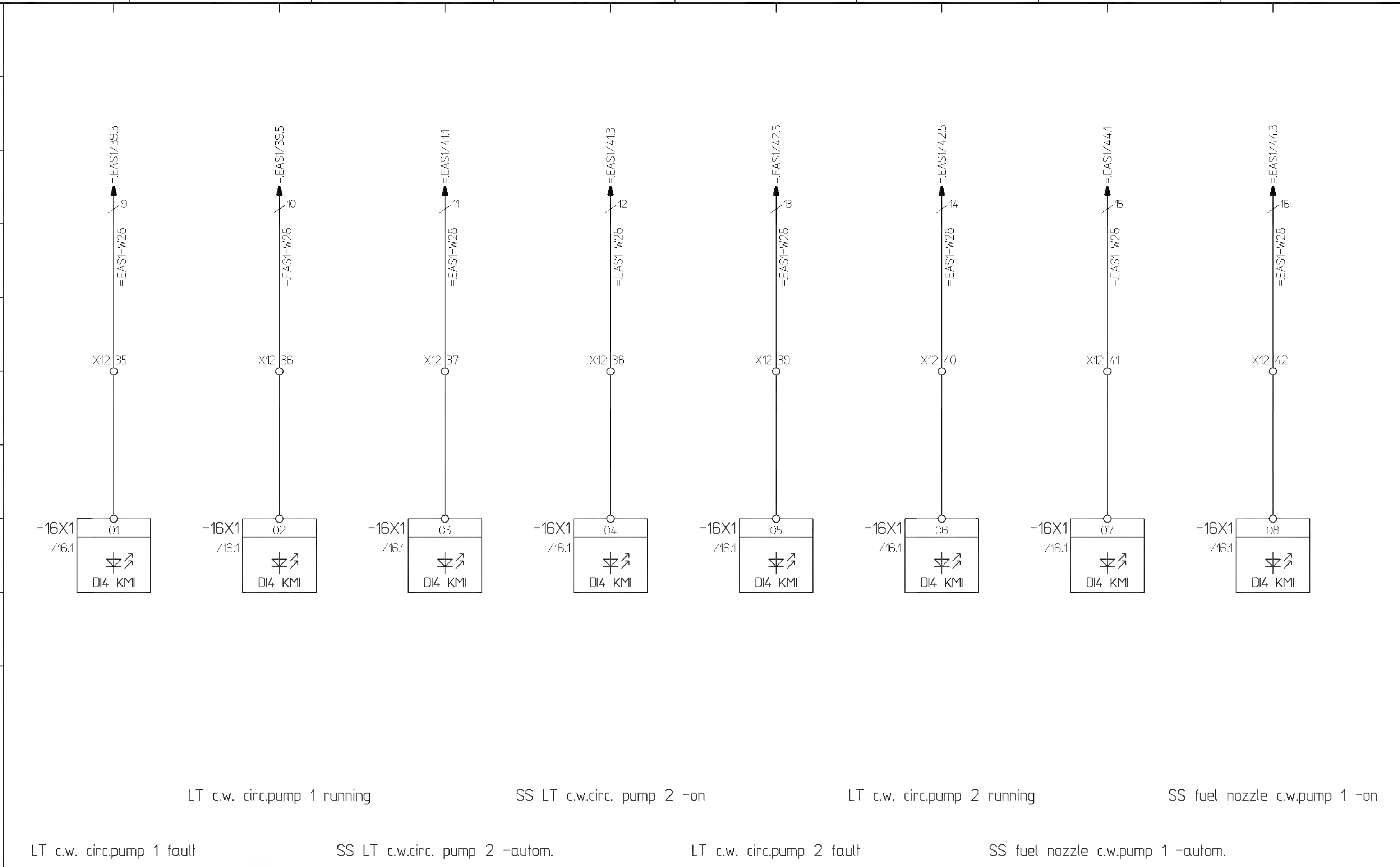
Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: Control engine auxiliaries +EAS1

Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03
				Date	08.07.03			
				Desig.	A. Stellmann			
				Check	A. Stellmann			

Elektrim-MEGADEX
Monde Energy Philippines

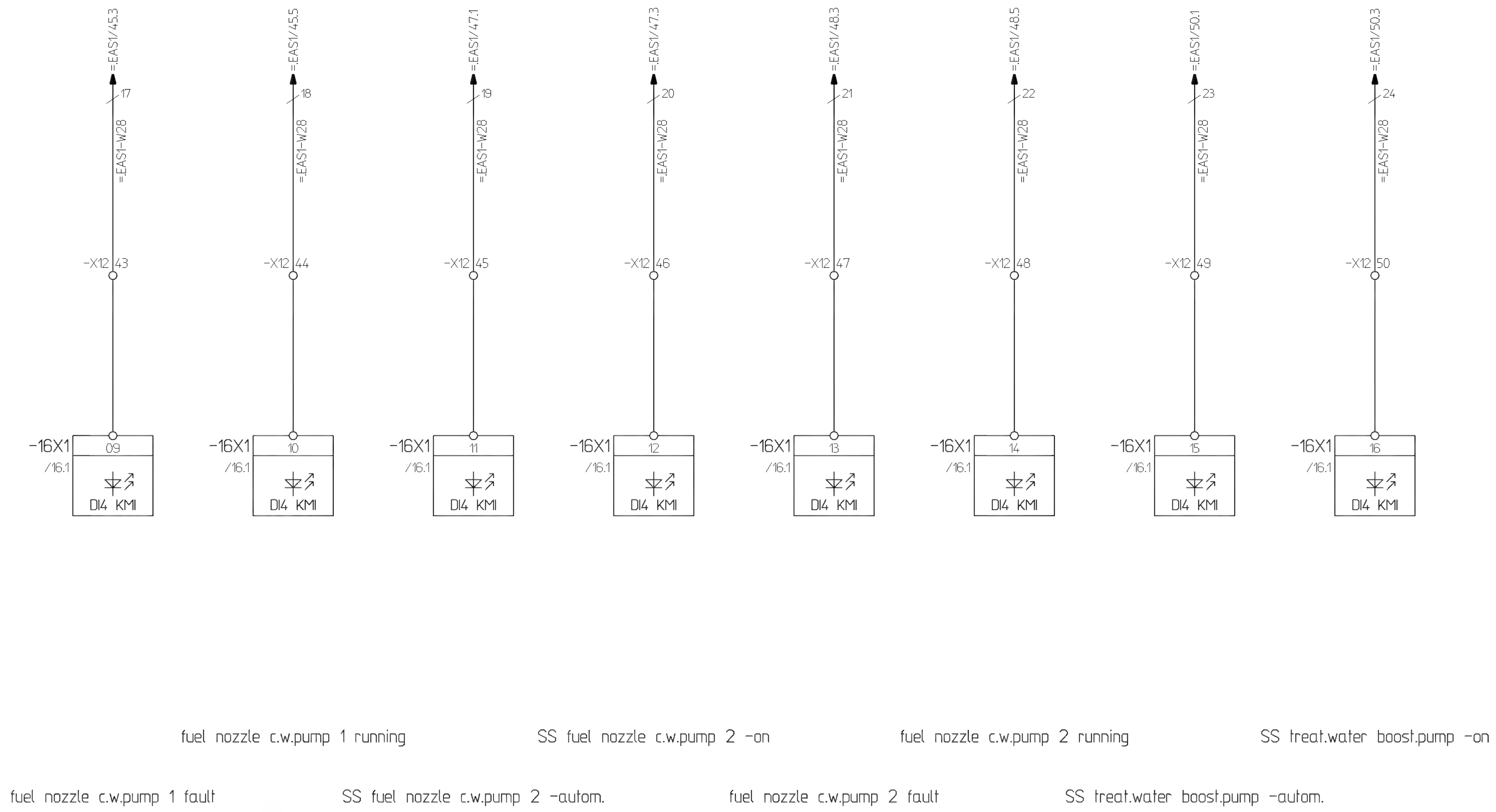
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: Control engine auxiliaries +EAS1

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 11.09.03

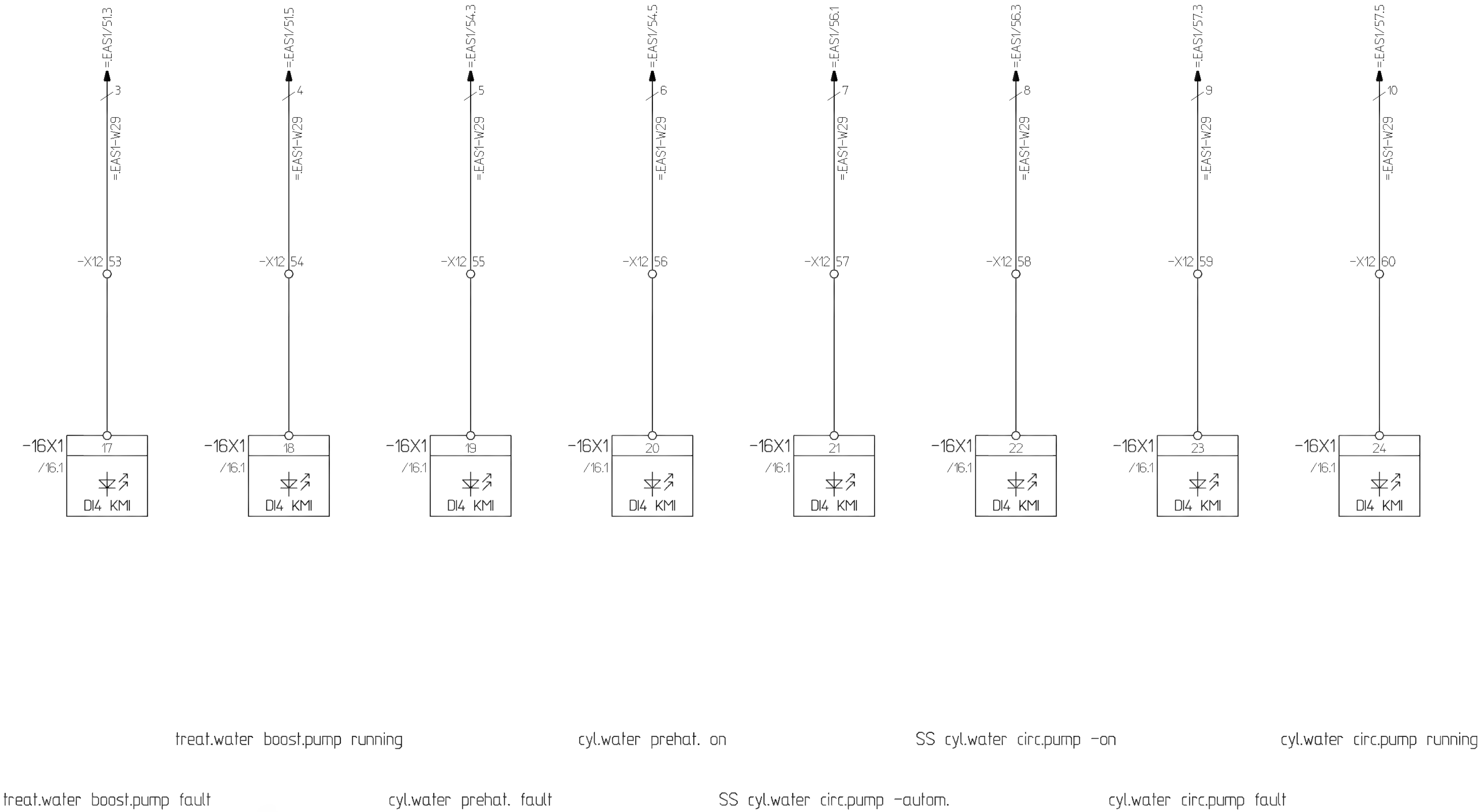
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

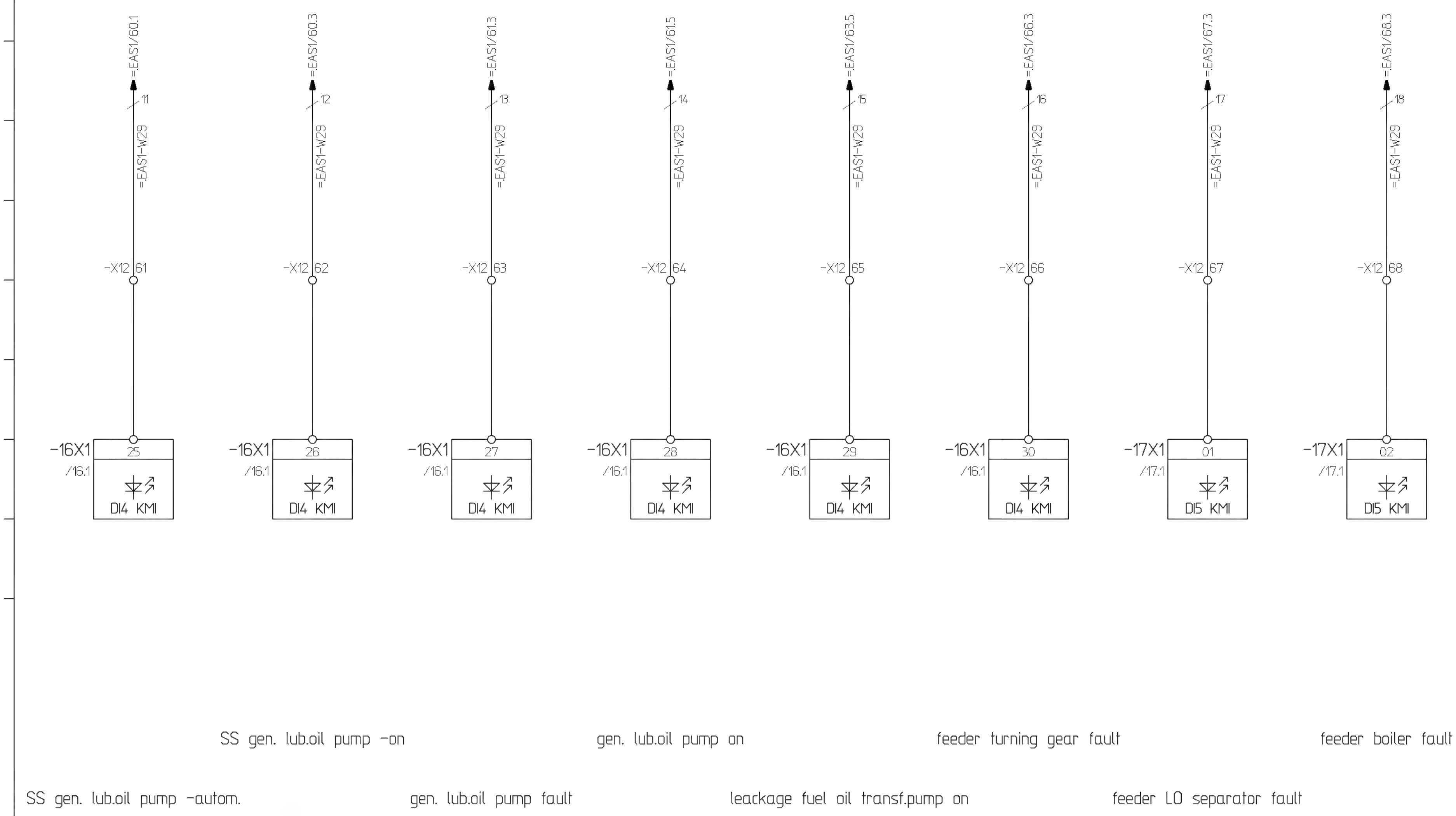
43730 | 437300

=DPP
+ECPS1



Bildbeschreibung IMAGE DESCRIPTION: Control engine auxiliaries +EAS1

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 95
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL



Bildbeschreibung / IMAGE DESCRIPTION: Control engine auxiliaries +EAS1

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

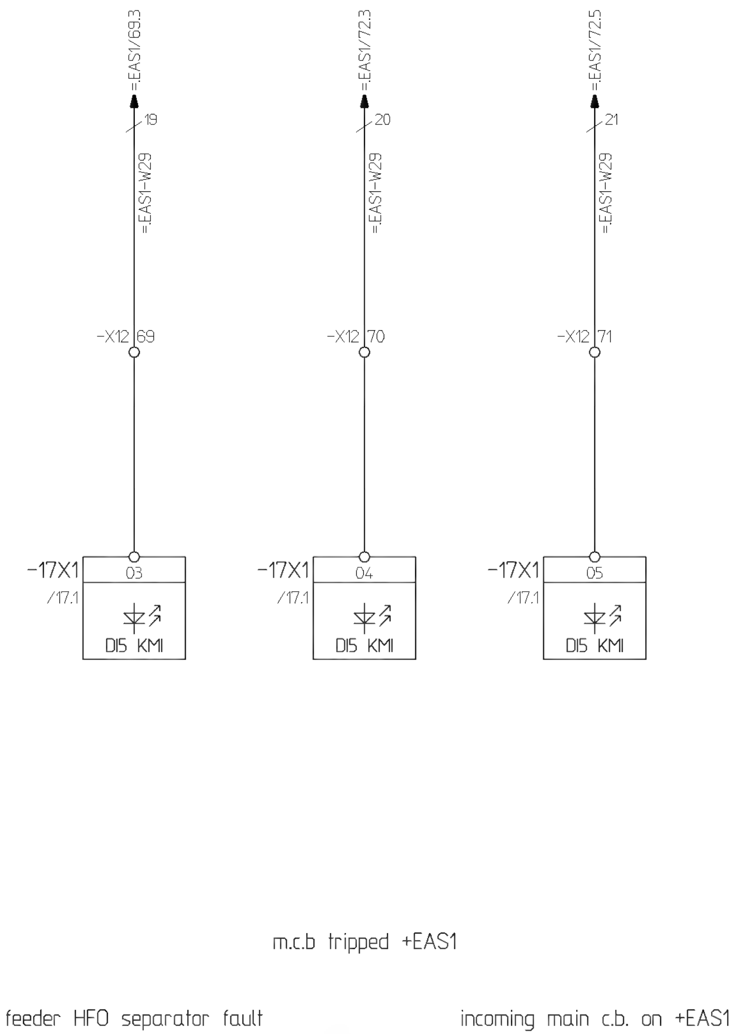
Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | KUHSE | Ers.d. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501 | 43730 | 437300

=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

Control engine auxiliaries +EAS1

Date	08.07.03
Desig.	A. Stellmann
Check	A. Stellmann
Norm	33

Index | changing | Date | name

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

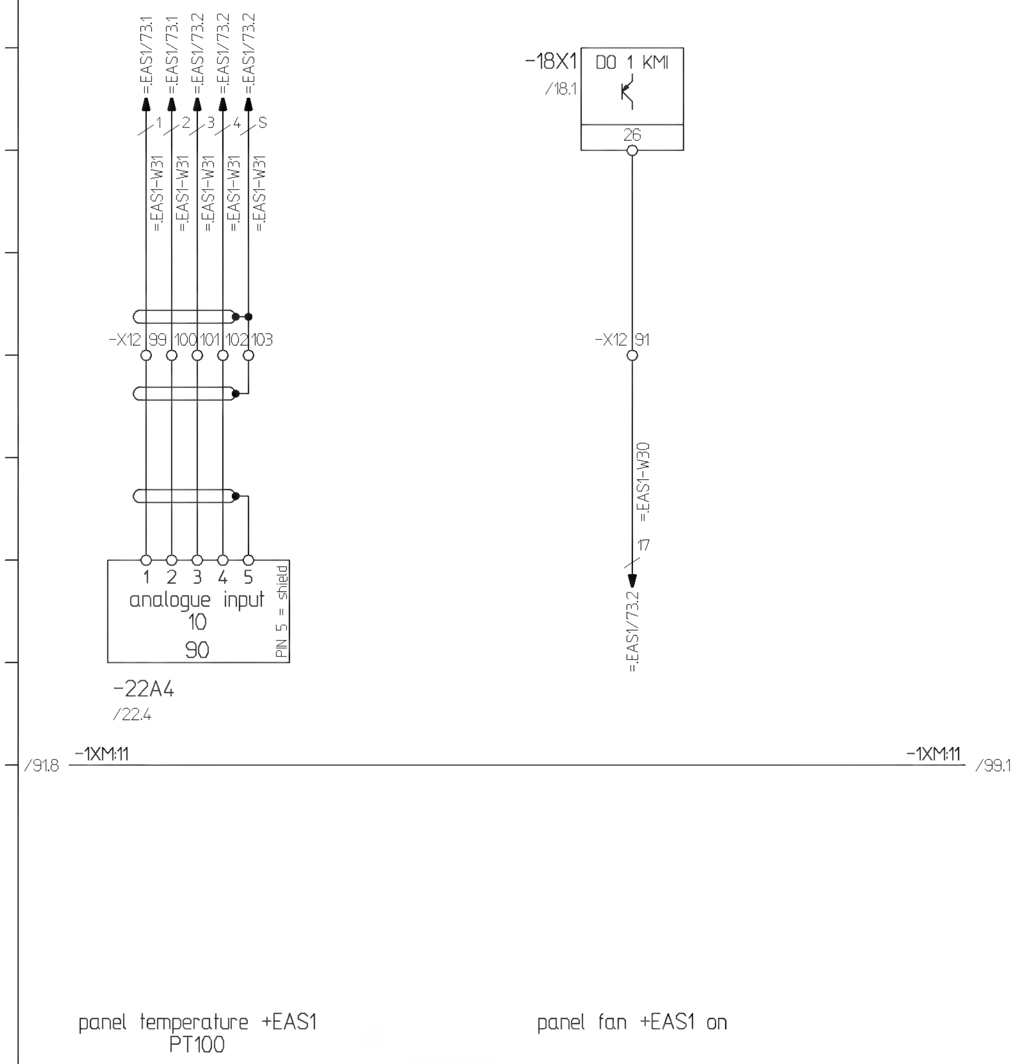
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

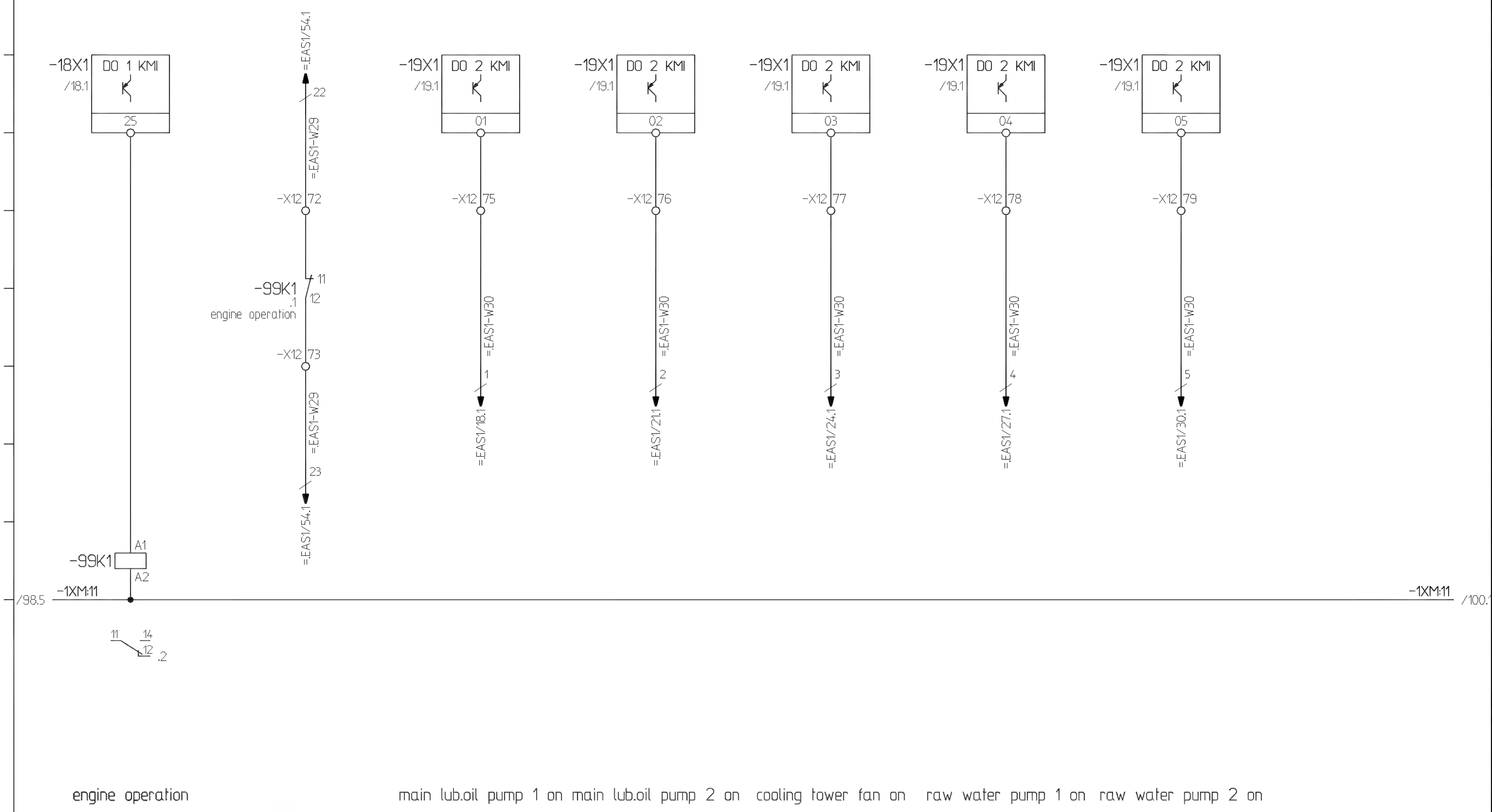
=DPP
+ECPS1



Bildbeschreibung
IMAGE DESCRIPTION

Control engine auxiliaries +EAS1

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 98
				Norm	33	Orig. / Ersf.	Ersd. 11.09.03			109 BL



Bildbeschreibung IMAGE DESCRIPTION

Control engine auxiliaries +EAS1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

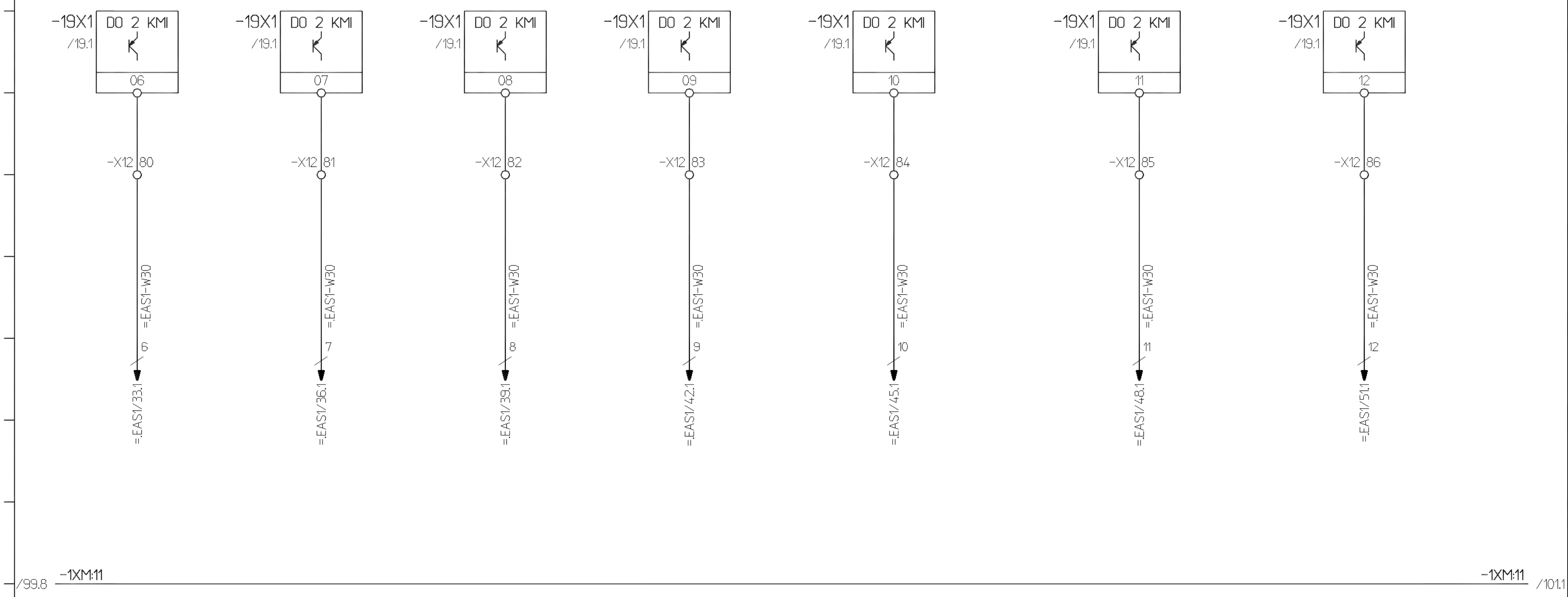
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1

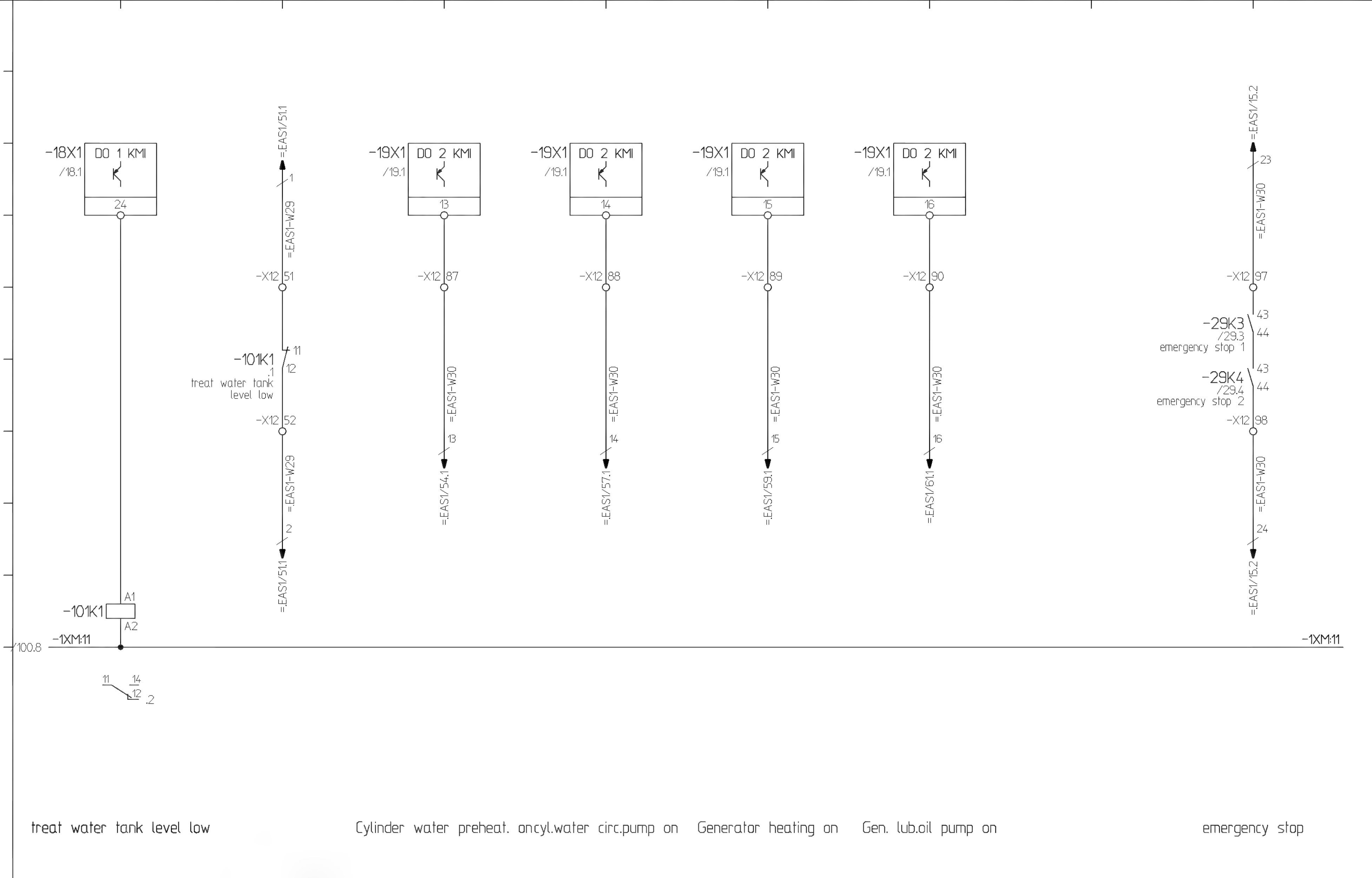


HT c.w.circ. pump 1 on | HT c.w.circ. pump 2 on | LT c.w.circ. pump 1 on | LT c.w.circ. pump 2 on | fuel noozle c.w. pump 1 on | fuel noozle c.w. pump 2 on | treat.water boost.pump on

Bildbeschreibung
IMAGE DESCRIPTION

Control engine auxiliaries +EAS1

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
				Check	A. Stellmann			Engine control panel Sulzer 1	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 100 / 109 BL



Bildbeschreibung
IMAGE DESCRIPTION

Control engine auxiliaries +EAS1

			Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
			Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
			Check	A. Stellmann			Engine control panel Sulzer 1	43730 / 437300	page 101
Index	changing	Date	name	Norm 33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

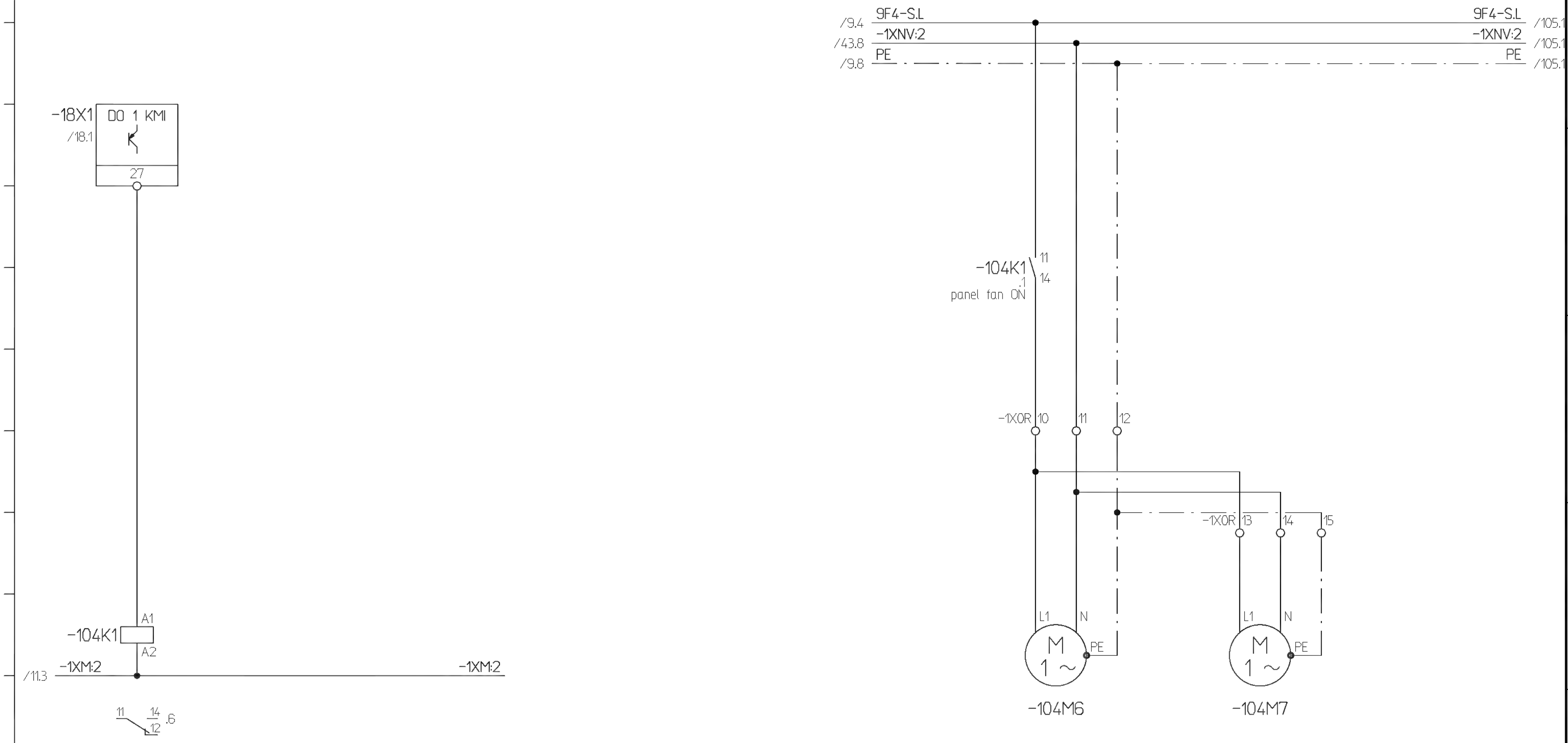
43730 | 437300

=DPP
+ECPS1

Bildbeschreibung
IMAGE DESCRIPTION

spare

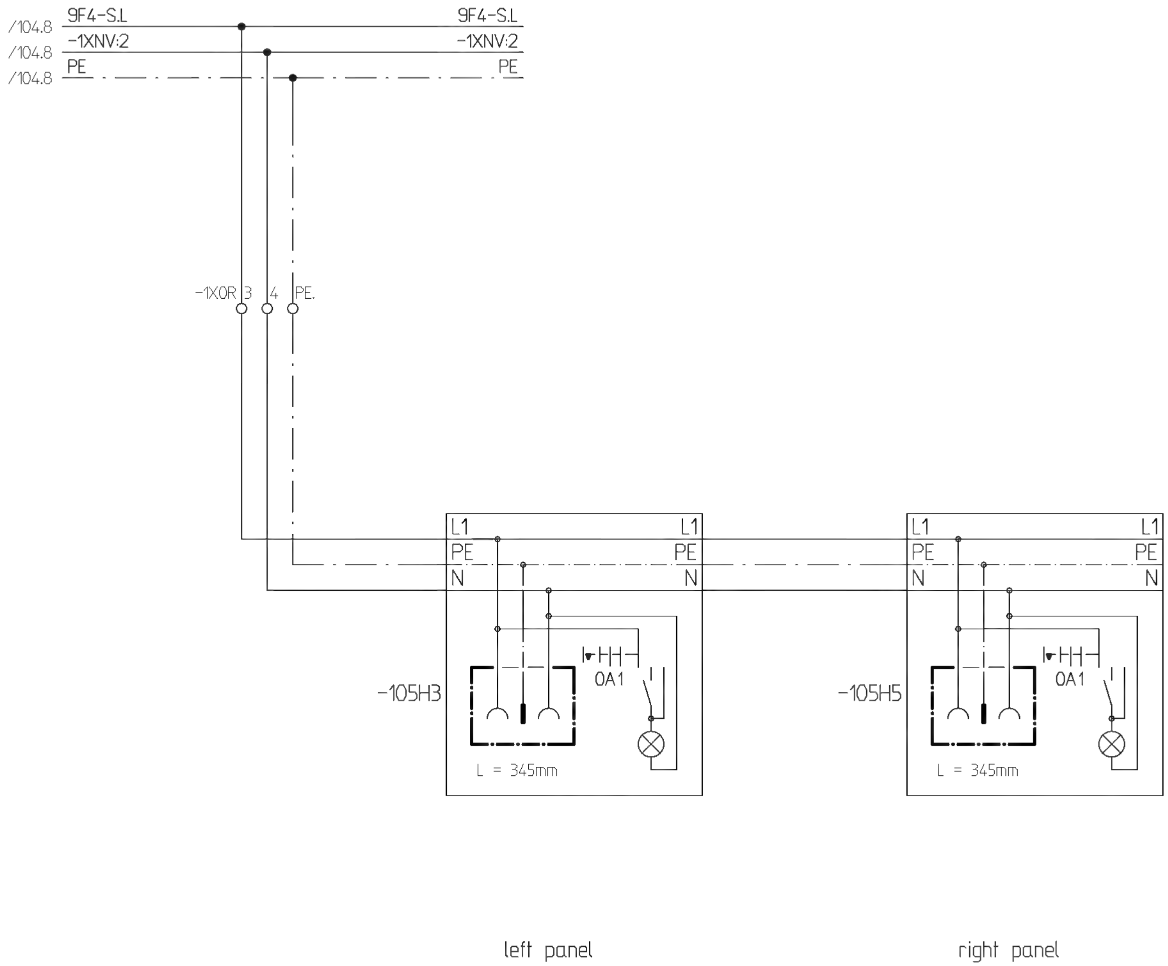
Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
				Check	A. Stellmann			Engine control panel Sulzer 1	43730 / 437300	page 103
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL



panel fan ON

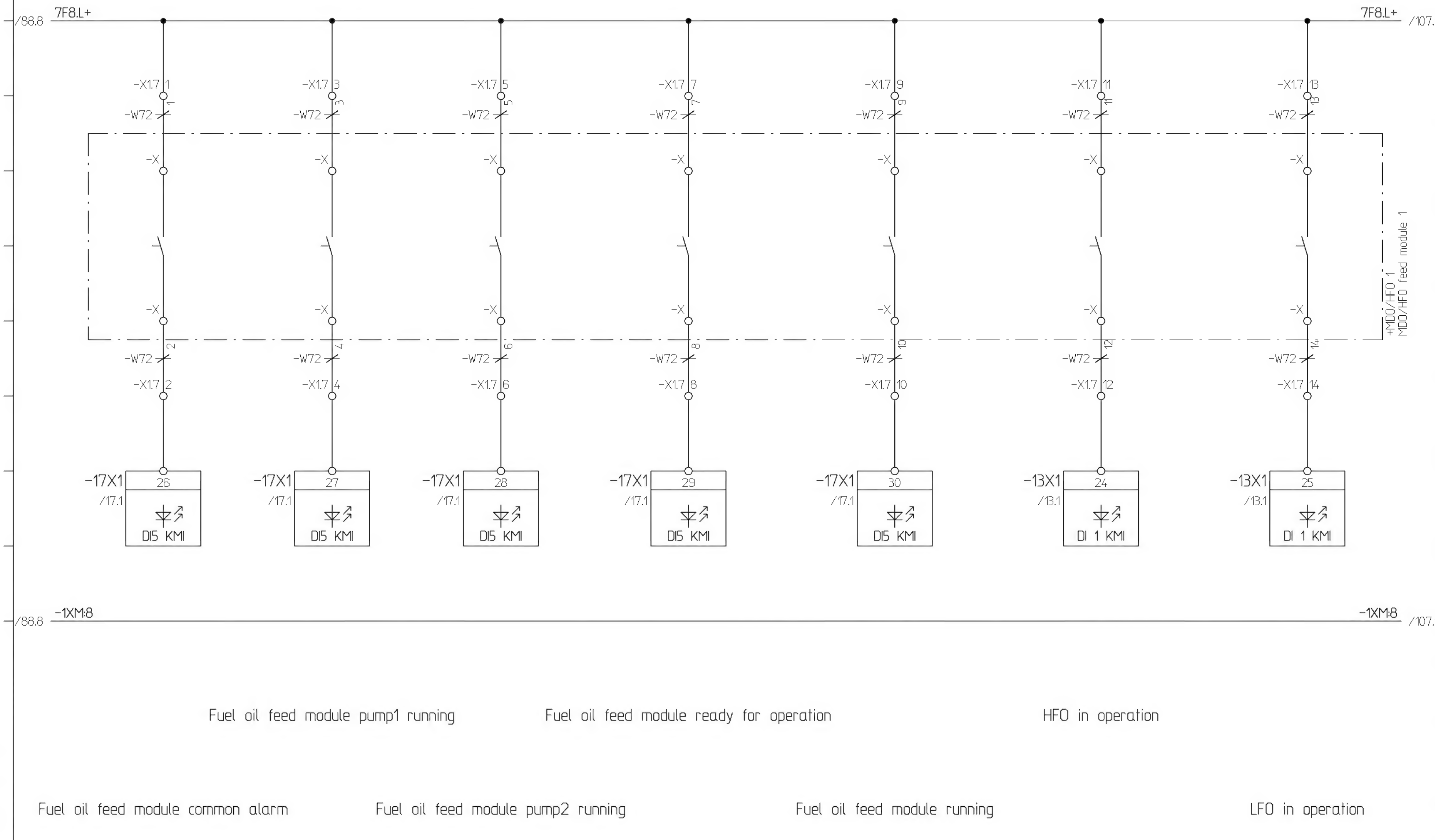
Bildbeschreibung
IMAGE DESCRIPTION
panel fan

			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501	=DPP +ECPS1
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730 437300	page 104
Index	changing	Date	name	Norm 33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL



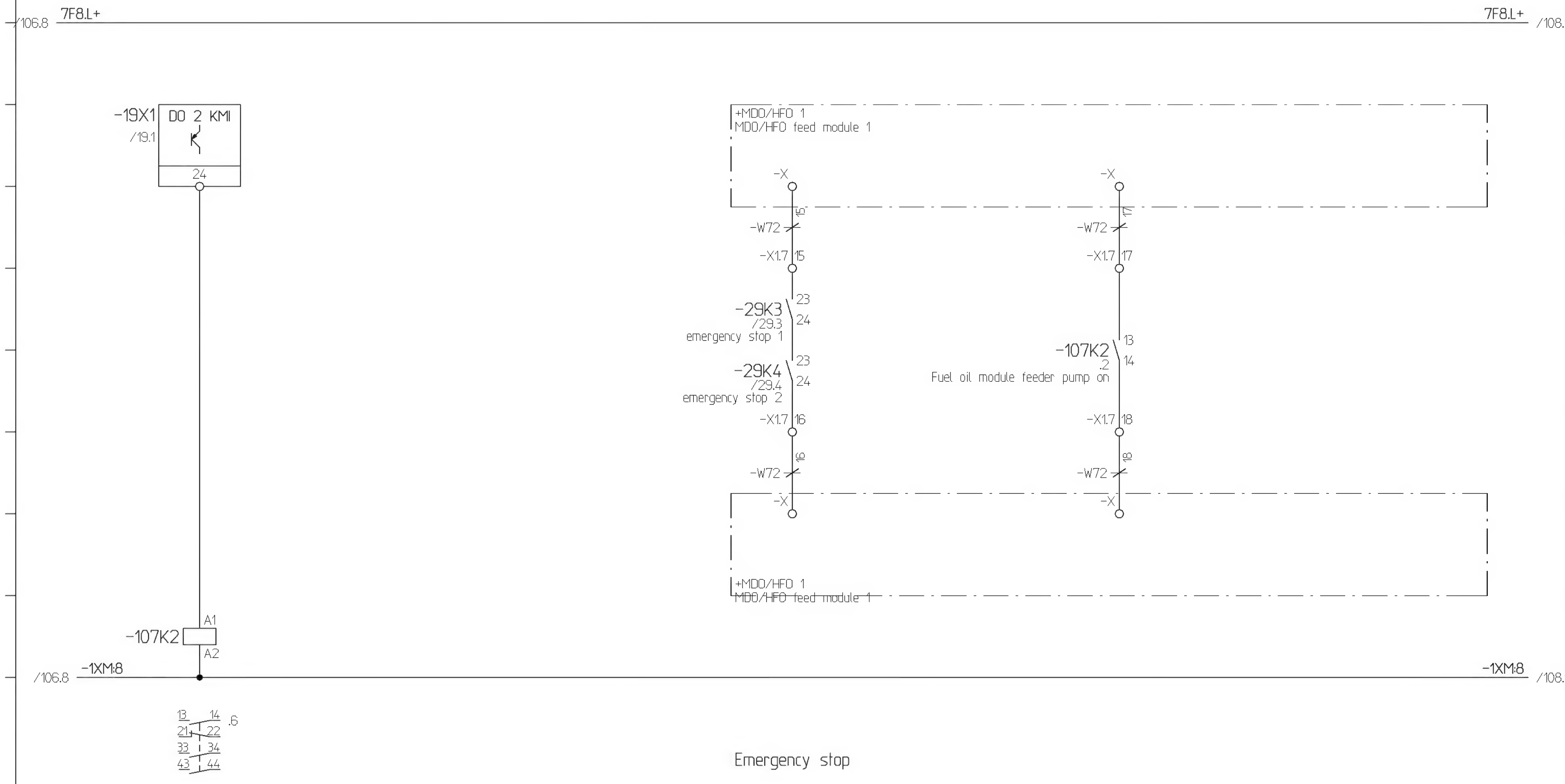
Bildbeschreibung IMAGE DESCRIPTION: panel lighting

Index	changing	Date	name				
Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501		=DPP +ECPS1
Desig.	A. Stellmann						
Check	A. Stellmann				43730	437300	page 105
Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03			109 BL



Bildbeschreibung IMAGE DESCRIPTION: Control LFO/HFO feed module inputs

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Engine control panel Sulzer 1	4500005501		=DPP +ECPS1
				Desig.	A. Stellmann						
				Check	A. Stellmann				43730	437300	page 106
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03				109 BL



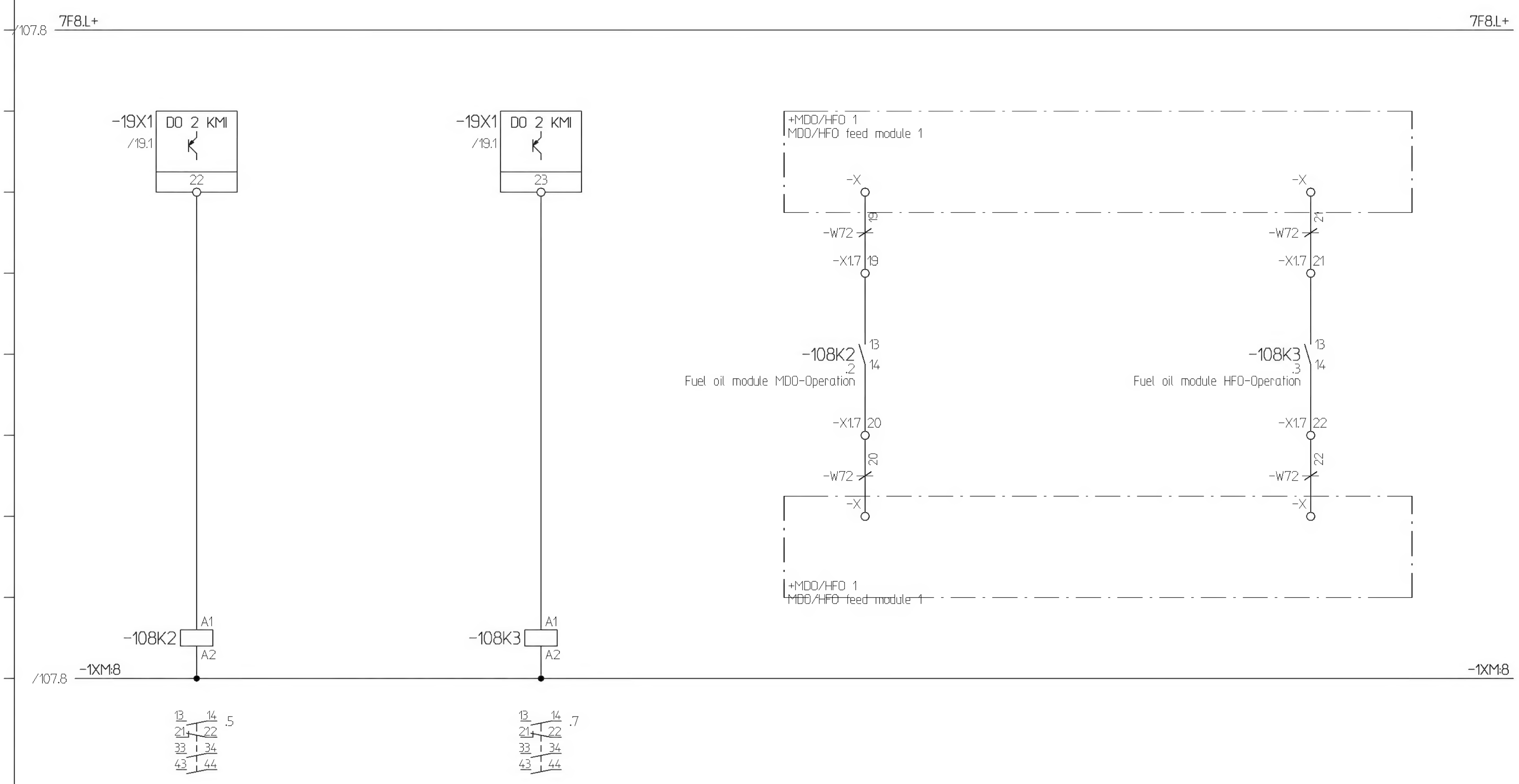
Fuel oil module feeder pump on

Emergency stop

Bildbeschreibung
IMAGE DESCRIPTION

Control LFO/HFO feed module outputs

				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
				Check	A. Stellmann			Engine control panel Sulzer 1	43730 / 437300	page 107
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			109 BL



Fuel oil module MDO-Operation

Fuel oil module HFO-Operation

Bildbeschreibung IMAGE DESCRIPTION: Control LFO/HFO feed module output

Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+ECPS1
Check	A. Stellmann			Engine control panel Sulzer 1	43730	437300
Norm	33	Orig. Ers.f.	Ers.d. 11.09.03			page 108 / 109 BL

Index | changing | Date | name

Bildbeschreibung
IMAGE DESCRIPTION Spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Engine control panel Sulzer 1

4500005501

43730 | 437300

=DPP
+ECPS1